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Result
No.
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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                                                                                                                                                                                                                                                                                          Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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   of hits satisfying chosen parameters:
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length: 2000000000
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US-09-580-893C-17
US-09-580-893C-12
US-09-580-893D-12
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US-09-580-893D-42
US-09-580-893D-42
US-09-580-10E-13
US-09-580-156D-43
US-09-580-893C-47
US-09-580-893C-47
US-09-580-893C-47
US-09-580-156D-45
US-09-580-893C-44
US-09-580-893C-44
US-09-580-893C-44
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RESULT 1
US-09-580-893C-17
US-09-580-893C-17, Application US/09580893C
; GENERAL INFORMATION:
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Best Local Similarity
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4 5	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27
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Sequence 53,	Sequence 50,	Sequence 53,	Sequence 50,	Sequence 53,	Sequence 50,	Sequence 52,	Sequence 49,	Sequence 48,	Sequence 46,	Sequence 44,	Sequence 52,	Sequence 49,	Sequence 48,	Sequence 46,	Sequence 44,	Sequence 52,	Sequence 49,	Sequence 48,
App1	Appl	Appl	Appl	Appl	App1	App1	App1	App1	Appl	App1	App1	Appl	App1	Appl	Appl	Appl	Appl	App1

ALIGNMENTS

APPLICANT: SANDERG, LAWRENCE B APPLICANT: MITTS, THOMAS F APPLICANT: JIMENEZ JR, FELIPE APPLICANT: JIMENEZ JR, FELIPE TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS FILE REFERENCE: 00-144-US CURRENT APPLICATION NUMBER: US/09/580,893C CURRENT PILING DATE: 2002-10-08 NUMBER OF SEQ ID NOS: 75 SOFTWARE: PATENTIN Ver. 2.1 SEQ ID NO 17 LENGTH: 4 THEMSTH: 4 100.0%; Score Pred. 20; No. DB 5; 6e+05; Length

Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps Qy 1 VVPQ 4
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US-09-580-893D-17

Sequence 17, Application US/09580893D

GENERAL INFORMATION:

APPLICANT: SANDBERG, LAWRENCE B

APPLICANT: MITTS, THOMAS F

APPLICANT: USANDBERG CONTAINING ELASTIN PEPTIDE ANALOGS

FILE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS

FILE REFERENCE: 00-144-US
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                                                                                                                             ; ORGANISM: mammalian US-09-580-893D-17
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Best Local S
Matches 4
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GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELLPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN
FILE REFERENCE: 00-144-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.
Best Local Similarity 100.
Matches 4; Conservative
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Matches 4; Conserv
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SOFTWARE: PatentIn Ver. 2
SEQ ID NO 17
LENGTH: 4
TYPE: PRT
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                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/580,893D CURRENT FILING DATE: 2002-10-08
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OTHER INFORMATION:
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NAME/KEY: MOD_RES
LOCATION: (1)
OTHER INFORMATION: ACETYLATION
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es 4; Conserv
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Pred. No.
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Pred. No. 6e+05;
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FILE OF INVENTION AS FELIPE
FILE REFERENCE: 00-144-US
CURRENT FILICATION NUMBER: US/109/580,893D
CURRENT FILING DAYE: 2002-10-08
NUMBER OF SEQ ID NOS 75
NUMBER: PATENTIN Ver. 2.1
SEQ ID NO 42
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US-09-580-893D-42
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US-09-580-893D-43
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                                                                                                                                                                                                                                                                                        SEQ ID NO 43
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Matches 4; Conserv
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                                                             Matches
                                                                                           Query Match
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APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: MOD_RES
LOCATION: (1)
OTHER INFORMATION: ACETYLATION
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OTHER INFORMATION:
                                                                                                                                            NAME/KEY: MOD_RES
LOCATION: (1) OTHER INFORMATION: ACETYLATION
                                                                                                                                                                                                                                                          TYPE: PRT
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                                                                              Local Similarity
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                                                                              100.0%;
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Pred. No.
                                                                 Mismatches
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RESULT 7 US-09-580-110E-17 ; Sequence 17, Application US/09580110E

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WS-09-580-156D-17
US-09-580-156D-17
Sequence 17, Application US/09580156D
GENERAL INFORMATION:
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; OTHER INFORMATION: ACETYLATION
US-09-580-110E-43
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US-09-580-110E-43
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 43
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Mits, Thomas F.
APPLICANT: Mits, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND USES OF SAME IN COMBINATION WITH SKIN
TITLE OF INVENTION: ENHANCING AGENTS
FILE REFERENCE: 25812-13
CURRENT APPLICATION NUMBER: US/09/580,110E
CURRENT FILING DATE: 2000-05-30
CURRENT FILING DATE: 2000-05-30
          APPLICANT: Lawrence, Sandberg B.
APPLICANT: Thomas, Mitts F.
CURRENT APPLICATION NUMBER: US/09/580,156D
CURRENT FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 09/039,308
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TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND USES OF SAME IN COMBINATION WITH SKIN
TITLE OF INVENTION: ENHANCING AGENTS
FILE REFERENCE: 25812-13
CURRENT APPLICATION NUMBER: US/09/580,110E
CURRENT FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 75
NUMBER OF SEQ ID NOS: 75
NUMBER OF SEQ ID NOS: 75
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TYPE: PRT
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ORGANISM: Artificial
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Sequence 43, Application US/09580156D
GENERAL INFORMATION:
APPLICANT: Lawrence, Sandberg B.
APPLICANT: Thomas, Mitts F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AN
FILE REFERENCE: 25812-5CIP
CURRENT APPLICATION NUMBER: US/09/580,156D
CURRENT FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 09/039,308
PRIOR APPLICATION NUMBER: 09/039,308
PRIOR FILING DATE: 1998-03-13
PRIOR FILING DATE: 1998-03-12
PRIOR FILING DATE: 1998-03-12
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                                                                                                                                                                                                                                                                       US-09-580-156D-43
                                                                                                                                                                                                                                                                                           RESULT 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT/US99/05496
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.1
SEQ ID NO 42
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Best Local Similarity
Matches 4; Conser
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PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn version 3.1
SEQ ID NO 17
LENGTH: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 42, Application US/09580156D GENERAL INFORMATION:
APPLICANT: Lawrence, Sandberg B.
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn version 3.1
SEQ ID NO 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/580,156D CURRENT FILING DATE: 2000-05-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Thomas, Mitts F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 25812-5CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 09/039,308 PRIOR FILING DATE: 1998-03-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: ACETYLATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: MOD_RES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: peptide
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; FEATURE:
; NAME/KBY: MOD RES
; LOCATION: (1)...(1)
; OTHER INFORMATION: ACETYLATION
US-09-580-156D-43
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CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 45, Application US/09580893C
GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
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Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                                                                            Sequence 47, Application US/09580893C GENERAL INFORMATION:
                                                                                                    SEQ ID NO 47
                                                                                                                 APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION UMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
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TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN
FILE REFERENCE: 00-144-US
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TYPE: PRT
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TYPE: PRT
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TYPE: PRI
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial FEATURE:
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         FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Peptide
                                               ORGANISM: Artificial Sequence
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FEATURE:
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Conservative 0
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Pred. No.
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Sequence 47, Application US/09580893D
GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 47
LENGTH: 5
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; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(5)
US-09-580-893D-45
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CYHER INFORMATION: AMIDATION
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                               US-09-580-893D-47
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CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 45
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Matches 4; Conserv
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APPLICANT: SANDBERG, LAWRENCE B APPLICANT: MITTS, THOMAS F
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Query Match
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APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
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                                                OTHER INFORMATION:
                                                              NAME/KEY: MOD_RES
LOCATION: (5)
                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: Peptide
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                                                                                                                                                                    TYPE: PRT
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Score 20;
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DB 5; Length 5;
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Best Local Similarity 100.0%; Pred. No. 6e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VVPQ 4

Db 2 VVPQ 5

Search completed: April 16, 2003, 09:50:47

Job time: 16 secs
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Copyright

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Result
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 Published_Applications_AA:*

1: /cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*

7: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

10: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

11: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

12: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

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US-09-796-692-1031
US-09-866-050A-164
US-09-866-050A-164
US-09-866-050A-18
US-09-813-153-108
US-09-164-847-555
US-09-764-847-555
                                                                                                                                                                                                                                                    US-09-826-290-7
US-09-992-331-24
US-09-864-761-34467
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          Sequence 7, Appli
Sequence 24, Appl
Sequence 34467, App
Sequence 867, App
Sequence 1031, App
Sequence 118, App
Sequence 935, App
Sequence 718, Appl
Sequence 719, Appl
Sequence 779, Appl
Sequence 779, Appl
Sequence 779, Appl
Sequence 50, Appl
Sequence 51, Appl
Sequence 52, Appl
Sequence 52, Appl
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Sequence 53, Appl
Sequence 53, Appl
Sequence 53, Appl
Sequence 53, Appl
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45	44	43	42	41	40	39	38	37	36	35	34 4	33	32	31		29		27	• 26	25	24	23	22		20
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
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US-09-903-786-18	US-09-903-749A-18	-903-	US-09-906-700-18	US-09-906-646-18	-786-	US-09-909-204-18	US-09-904-859-18	Ļ	US-09-907-942-18	US-09-907-613-18	-838-1	US-09-906-742-18	US-09-904-011-18	US-09-907-841-18	US-09-907-824-18	US-09-902-853-18	US-09-905-291A-18	US-09-771-730-133	US-09-782-980-9	US-09-747-155-185	US-09-864-761-39071	US-10-078-090-118	US-09-764-870-462	US-10-125-540-462	US-10-004-717-36
18,	18,	18,	18,	18,	18,	_	18,	18,	Sequence 18, Appl	18,	18,	18,		18,	18,	18,	18, A		9, Ag	185, Ap	Sequence 39071, A	118	Sequence 462, App	462	Sequence 36, Appl

ALIGNMENTS

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FILE REFERENCE: 2572-1-001 NZ
CURRENT APPLICATION NUMBER: US/09/826,290
CURRENT FILING DATE: 2001-04-30
PRIOR APPLICATION DOMBER: US 60/194,504
PRIOR FILING DATE: 2000-04-03
PRIOR FILING DATE: 2000-17-8
PRIOR FILING DATE: 2000-18-8
PRIOR FILING DAT
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                                                                                                                     Query Match
Best Local Similarity
Matches 4; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: White, Frost
APPLICANT: Williams, Stephen A.
TITLE OF INVENTION: Nucleic Acid Molecules, Polypeptides and
TITLE OF INVENTION: Uses Therefor, Including Diagnosis and TITLE OF INVENTION: Altheimer's Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Durham,
APPLICANT: Friedma
APPLICANT: Herath,
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1 VVPQ 4
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Potter, David M.
Rohlff, Christian
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Kimmel, Lida H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sunderland, P. Trey
Townsend, Robert Reid
White, Frost
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Friedman, David L.
                                                                                                                              100.0%; Score 20; DB ilarity 100.0%; Pred. No. 71; Conservative 0; Mismatches
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Publication No
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Best Local
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CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/308,540
PRIOR FILING DATE: 2001-07-27
PRIOR APPLICATION NUMBER: 60/261,782
PRIOR PILING DATE: 2001-01-16
PRIOR PILING DATE: 2001-11-14
PRIOR FILING DATE: 2000-11-14
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TITLE OF INVENTION: A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, TITLE OF INVENTION: EXPRESSED HIGHLY IN PITUITARY GLAND AND TITLE OF INVENTION: CELLS
                                                                                                 PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR RILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Mensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 2000-11-14
NUMBER OF SEQ ID NOS: 45
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APPLICANT: MINT
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                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: Aeomica-X-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: peptide
PRIOR
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LENGTH: 31
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                    APPLICATION NUMBER: PCT/US01/00667 FILING DATE: 2001-01-30
  APPLICATION
                                                               FILING DATE: 2001-01-30
                                                                                   APPLICATION NUMBER: PCT/US01/00666
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NUMBER: PCT/US01/00664
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Pred. No.
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US-09-796-692-867; Sequence 867, App.; Publication No.
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             FILE REFERENCE: 2077.001200

CURRENT APPLICATION NUMBER: US/09/796,692

CURRENT FILING DATE: 2001-03-01

PRIOR APPLICATION NUMBER: 60/186,126

PRIOR FILING DATE: 2000-03-01

PRIOR PPLICATION NUMBER: 60/190,479

PRIOR FILING DATE: 2000-03-17

PRIOR PILING DATE: 2000-03-17

PRIOR PILING DATE: 2000-04-27

PRIOR APPLICATION NUMBER: 60/200,503

PRIOR PILING DATE: 2000-04-28

PRIOR FILING DATE: 2000-04-28

PRIOR FILING DATE: 2000-04-28
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
                                                                                                                                                                                                                                                          APPLICANT: Gaiger, Alexander
APPLICANT: Algate, Paul A.
APPLICANT: Mannion, Jane
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                                                                                                                                                                                                                     TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY TITLE OF INVENTION: HEMATOLOGICAL MALIGNANCIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Homo
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APPLICATION NUMBER: PCT/US01/00662
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 60/234,687 FILING DATE: 2000-09-21
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APPLICATION NUMBER: PCT/US01/00665
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APPLICATION NUMBER: 60/200,779
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EXPRESSED IN BT47
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Pred. No.
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LUNG, SIGNAL = 1.2
FETAL LIVER, SIGNAL = 0.79
ADULT LIVER, SIGNAL = 1
BRAIN, SIGNAL = 1.2
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1.9e+02;
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LENGTH: 59
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APPLICANT: Algate, Paul A.
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAP.
TITLE OF INVENTION: HEMATOLOGICAL MALIGNANCIES
TILE REFERENCE: 2077.001200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE:
PRIOR APPLICATION 1
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PRIOR APPLICATION NUMBER: 60/186,126
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ID NO 1031
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FILING DATE: 2000-04-28
APPLICATION NUMBER: 60/200,779
FILING DATE: 2000-04-28
                                                         APPLICATION NUMBER: 60/223,378 FILING DATE: 2000-08-07
                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 2000-03-17
APPLICATION NUMBER: 60/200,545
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APPLICATION NUMBER: 60/222,903
FILING DATE: 2000-08-03
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FILING DATE: 2000-05-04
APPLICATION NUMBER: 60/206,201
FILING DATE: 2000-05-22
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                                                                                               APPLICATION NUMBER: 60/223,416 FILING DATE: 2000-08-04
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APPLICATION NUMBER: 60/222,903
                                                                                                                                                                                             APPLICATION NUMBER: 60/218,950
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                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/206,201
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                                                                                                                                          FILING DATE: 2000-08-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                 LING DATE:
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Pred. No. 3.1e+02;
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US-09-796-692-1031
                                                       CURRENT APPLICATION NUMBER: US/09/796,692
CURRENT FILING DATE: 2001-03-01
PRIOR APPLICATION NUMBER: 60/186,126
PRIOR FILING DATE: 2000-03-01
PRIOR PRIOR PRIOR NUMBER: 60/190,479
PRIOR PRIOR PRIOR OATE: 2000-03-17
PRIOR PPLICATION NUMBER: 60/200,545
PRIOR APPLICATION NUMBER: 60/200,545
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: 60/200,303
PRIOR APPLICATION NUMBER: 60/200,303
PRIOR APPLICATION NUMBER: 60/200,779
PRIOR APPLICATION NUMBER: 60/200,779
PRIOR APPLICATION NUMBER: 60/200,779
PRIOR APPLICATION NUMBER: 60/200,779
PRIOR FILING DATE: 2000-04-28
PRIOR FILING DATE: 2000-04-28
PRIOR FILING DATE: 2000-04-28
PRIOR FILING DATE: 2000-04-28
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SEQ ID NO 164
LENGTH: 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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Matches 4; Conserv
                                                                                                                                                                                                                                                                                                APPLICANT: Algate, Paul A.
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: HEMATOLOGICAL MALIGNANCIES
FILE REFERENCE: 2077.001200
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-09-866-050A-164
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NUMBER OF SEQ ID NOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Murison, James G.
APPLICANT: Kumble, Krishanand D.
TITLE OF INVENTION: Compositions
TITLE OF INVENTION: and Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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                                         APPLICATION NUMBER: 60/200,999
                      FILING DATE:
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Sleeman, Matthew
Onrust, Rene
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o. US20020198362A1
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2000-05-01
NUMBER: 60/202,084
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Pred. No.
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PRIOR APPLICATION NUMBER: USSN 60/208,427
PRIOR FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 2125
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 118
LENGTH: 65
TYPE: PRT
ORGANISM: Homo sapiens
US-09-867-550-118
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PRIOR FILING DATE: 2000-05-22
PRIOR PRIOR APPLICATION NUMBER: 60/218,950
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: 60/222,903
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: 60/223,416
PRIOR APPLICATION NUMBER: 60/223,378
PRIOR APPLICATION NUMBER: 60/223,378
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US-09-884-456-74
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PRIOR FILING DATE: 2000-08-07
NUMBER OF SEQ ID NOS: 9597
SOPTWARE: FASESEQ for Windows Version 3.0
SEQ ID NO 935
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 118, Application US/09867550 Patent No. US20020082206A1 GENERAL INFORMATION:
                                                                                                                                                 Sequence 74, Application US/09884456 Publication No. US20030027317A1 GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT: Law, Debbie
APPLICANT: Topper, James
APPLICANT: Topper, James
TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells and
TITLE OF INVENTION: Thereby
FILE REFEROE: 21402-013 (Cura-313)
CURRENT APPLICATION NUMBER: US/09/867,550
CURRENT FILING DATE: 2001-09-20
APPLICANT: Houghton, Michael
APPLICANT: Choo, Oui-Lim
APPLICANT: Kuo, George
APPLICANT: Kuo, George
TITLE OF INVENTION: Hepatitis C virus protease
FILE REFERENCE: 223002010005
CURRENT APPLICATION NUMBER: US/09/884,456
CURRENT FILING DATE: 2001-06-18
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TYPE: PRT
ORGANISM: Homo sapiens
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Conley, Pamela
Law, Debbie
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                                                                                             ; OTHER INFORMATION: Xaa equals stop translation US-09-813-153-108
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SEQ ID NO 74
LENGTH: 69
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                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/073,170
PRIOR FILING DATE: 1998-01-30
NUMBER OF SEQ ID NOS: 298
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 108
LENGTH: 74
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PRIOR FILING DATE: 1990-04-04
NUMBER OF SEQ ID NOS: 90
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PRIOR FILING DATE: 1995-05-12
PRIOR APPLICATION NUMBER: 08/350,884
PRIOR FILING DATE: 1994-12-06
PRIOR APPLICATION NUMBER: 07/680,296
PRIOR FILING DATE: 1991-04-04
PRIOR FILING DATE: 1991-04-04
                                               Query Match
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PRIOR APPLICATION NUMBER: US/09/363,044
PRIOR TILING DATE: 1999-07-29
PRIOR APPLICATION NUMBER: 60/073,160
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/073,159
PRIOR FILING DATE: 1998-01-30
PRIOR FILING DATE: 1998-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: PZ023
CURRENT APPLICATION NUMBER: US/09/813,153
CURRENT FILING DATE: 2001-03-21
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PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/073,162
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/073,161
PRIOR FILING DATE: 1998-01-30
PRIOR FILING DATE: 1998-01-30
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PRIOR FILING DATE: 1999-02-19
PRIOR APPLICATION NUMBER: 08/709,177
PRIOR FILING DATE: 1996-09-06
                                                                                                                                   FEATURE:
NAME/KEY: SITE
LOCATION: (74)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/073,165
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/073,164
PRIOR FILING DATE: 1998-01-30
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ORGANISM: Homo
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y Match 100.0%; Score 20; DB 9;
Local Similarity 100.0%; Pred. No. 4e+02;
hes 4; Conservative 0; Mismatches C
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D. US20030045459A1
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Pred. No. 3.7e+02;
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VVPQ

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RESULT 12
US-09-864-761-38949
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Best Local Similarity
A; Conserve
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; LOCATION: (108)
; OTHER INFORMATION: Xaa
US-09-925-299-779
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US-09-925-299-779
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                                                                   Patent No. US2002004
GENERAL INFORMATION:
                                                                                     Sequence 38949, Application US/09864761 Patent No. US20020048763A1
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LENGTH: 111
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CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05883
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
   APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
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NUMBER OF SEQ ID NOS: 1556
SOFTWARE: PatentIn Ver. 2.0
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TITLE OF INVENTION: Nucleic Acids, Proteins and
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NAME/KEY: SITE
LOCATION: (98)
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NAME/KEY: SITE
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LOCATION: (103
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b. US20030040617A9
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Wensheng
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100.0%; Pred. No. 6.1e+02;
Live 0; Mismatches 0;
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RESULT 13
US-09-925-299-779
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OTHER INFORMATION: EXPRESSED IN LUNG,
OTHER INFORMATION: EXPRESSED IN HELA,
OTHER INFORMATION: EXPRESSED IN HELA,
OTHER INFORMATION: EXPRESSED IN BRAIN,
OTHER INFORMATION: EXPRESSED IN BRAIN,
OTHER INFORMATION: EXPRESSED IN BONE MAY
OTHER INFORMATION: EXPRESSED IN LEATE
OTHER INFORMATION: EXPRESSED IN HEART
OTHER INFORMATION: SWISSPROT HIT: A1276
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PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 38949
LENGTH: 111
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
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CURRENT FILING DATE: 2001-05-23
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                                                                                                                                 71
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tes 4; Conserv
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APPLICATION NUMBER: US 60/234,687
FILING DATE: 2000-09-21
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APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
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FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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                                                                                                                                 VVPQ 74
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100.0%; Pred. No.
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ED IN HELA, SIGNAL = 1.6
ED IN FETAL LIVER, SIGNAL = 1.7
ED IN BRAIN, SIGNAL = 1.5
ED IN BONE MARROW, SIGNAL = 1.8
ED IN BOULT LIVER, SIGNAL = 1.7
ED IN HEART, SIGNAL = 1.3
ED IN HEART, SIGNAL = 1.3
UAN HIT: A1278824.1, EVALUE 2.00e-20
EOT HIT: Q13607, EVALUE 1.00e-53
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6.1e+02;
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Application US/09925299

Patent No. US20020055627A1

INFORMATION

and Antibodies

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APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins an FILE REFERENCE: PA102
CURRENT APPLICATION NUMBER: US/09/925,299
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05883
PRIOR PILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
PRIOR FILING DATE: 1999-03-12
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US-10-004-717-50
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Best Local S
Matches 4
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                                                                                                                                                                                                                                                        Sequence 50, Application US/10004717
Publication No. US20020192665A1
GENERAL INFORMATION:
                   TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPEUTIC USE OF TITLE OF INVENTION: ATONAL ASSOCIATED SEQUENCE FOR DEAFNESS, TITLE OF INVENTION: OSTEOARTHRIIS, AND ABNORMAL CELL PROLIFERATION FILE REFERENCE: P01899US4

CURRENT APPLICATION NUMBER: US/10/004,717

CURRENT FILING DATE: 2002-08-16

PRIOR APPLICATION NUMBER: 09/585,645

PRIOR APPLICATION NUMBER: 09/585,645

PRIOR APPLICATION NUMBER: 60/176,993

PRIOR APPLICATION NUMBER: 60/176,993

PRIOR FILING DATE: 2000-01-19
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ORGANISM: Homo sapiens
FEATURE:
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OTHER INFORMATION: Xaa
NAME/KEY: SITE
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OTHER INFORMATION: Xaa
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OTHER INFORMATION: Xaa
NAME/KEY: SITE
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NAME/KEY: SITE
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NAME/KEY: SITE
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OTHER INFORMATION:
NAME/KEY: SITE
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Local Similarity 100.0%; Pred. No.
hes 4; Conservative 0; Mismatch
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Search completed: April 16, 2003, 09:51:40 Job time : 9 secs

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US-10-004-717-50
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Best Local Similarity
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US-10-004-717-52
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Best Local Similarity lov.
""" ches 4; Conservative
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SEQ ID NO 50
LENGTH: 138
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 52, Application US/10004717
Publication No. US20020192665A1
GENERAL INFORMATION:
APPLICANT: ZOGHBI, HUDA Y.
APPLICANT: YANG, QI
                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 69
SOFTWARE: PATENTIN VET: 2.1
SEQ ID NO 52
LENGTH: 138
                                                                                                                                                                                                                                                                    TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPEUTIC USE OF INTEL OF INVENTION: ATONAL ASSOCIATED SEQUENCE FOR DEAFWESS, TITLE OF INVENTION: OSTECARTHRITIS, AND ABNORMAL CELL PROLIFERATION FILE REPERENCE: PO1899964

CURRENT APPLICATION NUMBER: US/10/004,717

CURRENT FILING DATE: 2002-08-16

PRIOR APPLICATION NUMBER: 09/585,645

PRIOR PILING DATE: 2000-06-01

PRIOR APPLICATION NUMBER: 60/176,993

PRIOR APPLICATION NUMBER: 60/176,993

PRIOR APPLICATION NUMBER: 60/176,993

PRIOR FILING DATE: 2000-01-19

PRIOR FILING DATE: 2000-01-19

PRIOR FILING DATE: 2000-01-19

PRIOR FILING DATE: 1999-06-01
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                                                                                                                                                                                   TYPE: PRT
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Pred. No. 7.8e+02;
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Pred. No. 7.8e+02;
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Maximum Match 100%
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Perfect score:
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      Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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1: /cgn2_6/ptodata/1

2: /cgn2_6/ptodata/1

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16.918 Million cell updates/sec
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     GenCore version 5.1.4_p5_4578 (c) 1993 - 2003 Compugen Ltd.
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US-08-313-591-4
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US-08-262-037-51
US-08-262-037-52
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US-08-262-037-54
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US-08-763-36A-37
US-08-726-306A-37
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Sequence 17, Appli
Sequence 409, App
Sequence 129, App
Sequence 129, App
Sequence 4, Appli
Sequence 5, Appli
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Sequence 51, Appli
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Sequence 59, Appli
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Sequence 74, Appli
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Sequence 38, Appli
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Query Match Best Local Similarity 10 Matches 4; Conservation	RESULT 1 US-09-039-308A-17 US-09-039-308A-17 Sequence 17, Application US/09 Patent No. 6069129 ~ GENERAL INFORMATION: APPLICANT: Sandberg, Lawre APPLICANT: Mitts, Thomas ITILE OF INVENTION: BLASTI TITLE OF INVENTION: USING NUMBER OF SEQUENCES: 41 CORRESPONDENCE ADDRESS: ADDRESSES: REED SMITH SH STATE: PO Box 488 CITY: Pittsburgh STATE: PO Box 488 CITY: Pittsburgh STATE: PO Box 488 COUNTRY: USA ZIP: 15230 COMPUTER REDAMBLE FORM: MEDIUM TYPE: Diskette, 3 COMPUTER: Compaq OPERATING SYSTEM: Micros SOFTWARE: Word 6.0 CURRENT APPLICATION NUMBER: US/0 FILING DATE: March 13, 1 CLASSIFICATION NUMBER: US/0 FILING DATE: March 13, 1 APPLICATION NUMBER: US/0 FILEFAX: (412) 288-3300 INFORMATION FOR SEQ ID NO: 1 SEQUENCE CHARACTERISTICS: LENGTH: 4 amino acids TYPE: amino acids STRANDEDNESS: Single TOPOLOGY: linear MOLECULE TYPE: peptide	28 20 100.0 93 29 20 100.0 117 30 20 100.0 120 31 20 100.0 140 32 20 100.0 149 34 20 100.0 179 36 20 100.0 201 37 20 100.0 207 38 20 100.0 207 39 20 100.0 221 40 20 100.0 221 41 20 100.0 241 42 20 100.0 257 43 20 100.0 253 44 20 100.0 263 45 20 100.0 263
.00.0%; Score 20; DB 3; .00.0%; Pred. No. 2e+05; .ve 0; Mismatches 0;	0393 N DE N DE SAME SAME 99/03 998 997- 7:	3 4 US-08-928-383B-19 7 1 US-08-262-037-58 0 1 US-08-233-788A-57 0 1 US-08-231-788A-57 0 4 US-09-479-453-11 0 4 US-09-479-453-11 0 4 US-09-479-453-11 1 US-08-233-788A-59 9 4 US-08-884-077-4 1 4 US-08-506-296B-5 6 4 US-09-040-981-2 7 4 US-08-884-077-6 1 4 US-09-071-035-224 1 US-08-885-781-3 1 2 US-08-825-781-3 1 2 US-08-825-781-3 2 US-08-825-781-3 3 US-08-825-603-19 3 US-08-826-207A-325 3 US-08-826-603-19 3 US-08-444-818-32 ALIGNMENTS
Length 4; Indels 0; Gaps 0		Sequence 19, Appl Sequence 57, Appl Sequence 11, Appl Sequence 11, Appl Sequence 11, Appl Sequence 11, Appl Sequence 59, Appl Sequence 5, Appl Sequence 6, Appli Sequence 6, Appli Sequence 3, Appli Sequence 35, Appli Sequence 37, Appli

US-08-233-788A-1

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US-08-444-818-409
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                                                                                                                                                                                                                                                                 Sequence 409, Application US/08444818 Patent No. 6150087 GENERAL INFORMATION:
APPLICANT: Chien, David Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity Matches 4; Conserv
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TELEX: 3723836 SEEDANBERRY
INFORMATION FOR SEQ ID NO: 1:
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ATTORNEY/AGENT INFORMATION:
NAME: King, Joshua
REGISTRATION UNMBER: 35,570
REFERENCE/DOCKET NUMBER: 9200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                         APPLICANT: Chien, David Y.
APPLICANT: Rutter, William J.
TITLE OF INVENTION: NANBV Diagnostics and Vaccines
NUMBER OF SEQUENCES: 777
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/233,788A
FILING DATE: 26-APR-1994
                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
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APPLICANT: Kay, William W.
APPLICANT: Collinson, Karen S.
APPLICANT: Clouthier, Sharon C.
APPLICANT: Clouthier, Sharon C.
ITTLE OF INVENTION: METHODS AND COMPOSITIONS FOR DETECTION
TITLE OF INVENTION: OF SALMONELLA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                  COUNTRY: USA
ZIP: 94608-2916
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98104-7092
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6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                             E: Chiron Corporation
4560 Horton Street
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                                      FILLING PALE

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/290,641

PILING DATE: 15-AUG-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/963,321

PILING DATE: 15-OCT-1992

ATTORNEY AGENT INFORMATION:

NAME: Smith, William M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 129, Application US/08548540 Patent No. 5733731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (508)359-3885
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/403
FILING DATE: 14-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Harbin, Alisa A.
REGISTRATION NUMBER: 33,895
REFERENCE/DOCKET NUMBER: 0110
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: CC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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ADDRESSEE: William M. Smith
STREET: One Market Plaza, Steuart Tower, Suite 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Stemmer, Willem P.C.
APPLICANT: Gates, Christian M.
TITLE OF INVENTION: Peptide Library and Screening Method
NUMBER OF SEQUENCES: 162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 16
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/548,540 FILING DATE: 26-OCT-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/444,818
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                                                                                                                                                                                                                                                                                                                                                                                                                          San Francisco
: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Miller, Jeff F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Schatz, Peter
Cull, Millard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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100.0%; Pred. No. 2e+05;
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                    16528J-001240US
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; TOPOLOGY: 11; MOLECULE TYPE: PCT-US96-09809-129
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Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US96/09809
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/548,540
FILING DATE: 26-OCT-1995
APPLICATION NUMBER: US 08/290,641
FILING DATE: 15-AUG-1994
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
US 07/963,321
FILING DATE: 15-OCT-1992
                                                                                                                                                        TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 94105
COMPUTER READABLE FORM:
COMPUTER READABLE FLORM:
TYPE: Floppy disk
                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                      TELEPHONE: 415-326-2400
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                                                                                                          LENGTH: 12 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: William M. Smith
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 12 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 VVPQ 4
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Stemmer, Willem P.C.
Gates, Christian M.
VENTION: Peptide Library and Screening Method
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Application PC/TUS9609809
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                                                                                            linear
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                                                                       peptide
100.0%;
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Score 20;
Pred. No.
DB 5;
85;
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                                                                                                                                             Query Match
Best Local Similarity
Thes 4; Conserve
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                                    US-08-813-591-4
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Sequence 4, Applic
Patent No. 5824534
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 4, Application US/09500651
GENERAL INFORMATION:
APPLICANT: ASANO, MINAO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: JP 0
FILING DATE: 14-FEB-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: NIO, NORIKI
TITLE OF INVENTION: AMINOPEPTIDASE GX, AND A METHOD OF
TITLE OF INVENTION: HYDROLYSING A PROTEIN WITH THE SAME
NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: OBLON
ADDRESSEE: P.C.
STREET: 1755 S. (
CITY: ARLINGTON
                                                                                                                                                                                                                                                                       LENGTH: 16 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                    NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
ZIP: 22202
                                                                                                                                                                                                                                                                                                                                        FELEPHONE: 703-413-2220
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                                                                                                                            1 VVPQ 4
                                                                                                8 VVPQ 11
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                  Application US/08813591
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                                                                                                                                                               Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Floppy disk
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                                                                                                                                                          100.0%; Score 20; DB 1; 1 100.0%; Pred. No. 1.1e+02; cive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     JP 030458/1997
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                                                                                                                                                                                          Length 16;
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GENERAL INFORMATION:

ASANO, MINAO KAWAI, MISAKO

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Best Local Similarity
Matches 4; Conserv
                                                                                                                                                                                                                                                                                                                     Sequence 5.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/813,591
FILING DATE: 07-MAR-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 051848/1996
FILING DATE: 08-MAR-1996
PRIOR APPLICATION NUMBER: JP 030458/1997
FILING DATE: 14-FEB-1997
APPLICATION NUMBER: JP 030458/1997
FILING DATE: 11-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: 05LON, NORMAN P.
REGISTRATION NUMBER: 24,618
REGISTRATION NUMBER: 24,618
                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 703-413-2220
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                        STREET: STREET: STREET: VICTORIAN CONTROL NEW YORK WISA
                                                                                                                                                                          APPLICANT: Hosein, Barbara H
TITLE OF INVENTION: No. 5582968el Branched Hybrid and Cluster
TITLE OF INVENTION: Peptides Effective in Diagnosing and Dete
TITLE OF INVENTION: No. 5582968-B Hepatitis
NUMBER OF SEQUENCES: 12
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
US/08/813,591
COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 10
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
                                                                                                                                                                                                                                                             APPLICANT:
APPLICANT:
                                                                                                                                                         CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FITLE OF INVENTION: AMINOPEPTIDASE GX, AND A METHOD OF FITLE OF INVENTION: HYDROLYSING A PROTEIN WITH THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: MIWA, TETSUYA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U
                                         COUNTRY: USA
ZIP: 11788
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                                                                                                                                       DDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH:
                                                                                                                                                                                                                                                                                                                            5, Application US/07946054
5. 5582968
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25 Davids Dr.
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  Floppy disk
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                                                                                                                                                                                               Peptides Effective in Diagnosing and Detecting No. 5582968-A, No. 5582968-B Hepatitis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 20; Di
100.0%; Pred. Nc. 1.:
tive 0; Mismatches
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Best Local Similarity
Watches 4; Conserve
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                                      PCT-US93-08638-5
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GENERAL INFORMATION:
   Query Match
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INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                 INFORMATION FOR SEQ ID NO:
                                                       TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: M. Lisa Wilson
REGISTRATION NUMBER: 34,045
REFERENCE/DOCKET NUMBER: 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 34,045
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
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FILING DATE: 15-SEP-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Wilson, M. Lisa
PERIFORMATION: MAME: WILSON, M. Lisa
                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 21 amino acids
                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Novel Branched Hybrid and Cluster reptutes TITLE OF INVENTION: Effective in Diagnosing and Detecting Non-A, TITLE OF INVENTION: Non-B Hepatitis
                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US93/08638 FILING DATE: CLASSIFICATION:
                                                                                              TYPE:
                                                                                                                                                                                    TELEPHONE: 516-273-2828
TELEFAX: 516-273-1717
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 11788
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Hauppauge
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 516-273-1717
TELEPHONE: 516-273-1717
TOTAX: 516-273-1717
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amino acid
                                                                                            : 21 amino acids amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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SYSTEM: PC-DOS/MS-DOS
                                                                          linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            UNITED BIOMEDICAL INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 20; DB 1; Length 21; 100.0%; Pred. No. 1.5e+02;
   100.0%;
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 Score 20;
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 <u>ن</u>
Length 21;
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RESULT 11
US-08-262-037-52
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US-08-262-037-51
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                                                                                                               문
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US-08-262-037-51
                                                                                                                                                                                         Query Match
Best Local Similarity
Matches '4; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Chang Yi Wang and Barbara Hosein
TITLE OF INVENTION: SYNTHETIC PEPTIDES SPECIFIC FOR
TITLE OF INVENTION: THE DETECTION OF ANTIBODIES TO HCV, DIAGNOSIS OF HCV
TITLE OF INVENTION: INFECTION AND PREVENTION THEREOF AS VACCINES
NUMBER OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 07/510,153
FILING DATE: 16-April-1990
ATTORNEY/AGENT INFORMATION:
NAME: MARIA C. H. Lin
REGISTRATION NUMBER: 29,323
REFERENCE/DOCKET NUMBER: 1151-40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/719,819
FILING DATE: 24-June-1991
APPLICATION NUMBER: 07/667,275
FILING DATE: 11-Max-1991
APPLICATION NUMBER: 07/651,735
FILING DATE: 07-F65-1991
APPLICATION NUMBER: 07/558,799
FILING DATE: 26-July-1990
APPLICATION NUMBER: 07/578
                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: 421792
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: Amino acid
STRANDEDNESS:
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APPLICATION NUMBER: US
FILING DATE:
CLASSIFICATION: 424
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
                                                                                                                                                     1 VVPQ 4
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345 PARK AVE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                            (212) 751-6849
                                                                                                                                                                                                                                                                                                           Unknown
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                                                                                                                                                                                                                   100.0%; Score 20; 100.0%; Pred. No.
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                                                                                                                                                                                                               2.1e+02;
                                                                                                                                                                                                                                          DB 1;
                                                                                                                                                                                                                                        Length 29;
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US-08-262-037-48
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                                                                                                                                                                                    Sequence 48, Application US/08262037 Patent No. 5747239
                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                          GENERAL INFORMATION:
APPLICANT: Chang Yi Wang and Barbara Hosein
TITLE OF INVENTION: SYNTHETIC PEPTIDES SPECIFIC FOR
TITLE OF INVENTION: THE DETECTION OF ANTIBODIES TO HCV, DIAGNOSIS OF HCV
TITLE OF INVENTION: INFECTION AND PREVENTION THEREOF AS VACCINES
NUMBER OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 5747239
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 26-July-1990
APPLICATION NUMBER: 07/510,153
FILING DATE: 16-Aprli-1990
ATTORNEY/AGENT INFORMATION:
NAME: Maria C. H. Lin
REGISTRATION NUMBER: 29,323
REFERENCE/DOCKET NUMBER: 1151-4043 US3
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: 421792
INFORMATION FOR SEQ ID NO:
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TITLE OF INVENTION: ITHE
TITLE OF INVENTION: ITHE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
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LENGTH: 36 amino acids
TYPE: Amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE:
CLASSIFICATION: 424
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MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM FC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 07/651
FILING DATE: 07-Feb-1991
APPLICATION NUMBER: 07/558
FILING DATE: 26-July-1990
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CITY: NEW YORK
STATE: NEW YORK
ADDRESSEE: MORGAN & FINNEGAN
STREET: 345 PARK AVE.
CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
TOPOLOGY: Un
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (212) 751-6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 10154
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                                                                                                                                                                                                                                                                                                                                                                            4; Conservative
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NVENTION: SYNTHETIC PEPTIDES SPECIFIC FOR
NVENTION: THE DETECTION OF ANTIBODIES TO HCV, DIAGNOSIS OF
NVENTION: INFECTION AND PREVENTION THEREOF AS VACCINES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
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Pred. No. 2.
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                                                                                                                                                                                                                                                                                                                                                                                             DB 1;
2.5e+02;
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US-08-262-037-53

(Sequence 53, Application US/08262037

(Patent No. 5747239

(Patent No. 574723)

(Patent No. 574
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ATTORNEY/AGENT INFORMATION:
NAME: Maria C. H. Lin
REGISTRATION NUMBER: 29,323
REFERENCE/DOCKET NUMBER: 1151
TELECOMMUNICATION INFORMATION:
TELEPHNUE: 212-758-4800
TELEPHNUE: (212) 751-6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 07/719,819
FILING DATE: 24-June-1991
APPLICATION NUMBER: 07/667,275
FILING DATE: 11-Mar-1991
APPLICATION NUMBER: 07/651,735
FILING DATE: 07-Feb-1991
APPLICATION NUMBER: 07/559,799
FILING DATE: 26-July-1990
APPLICATION NUMBER: 07/510,153
APPLICATION NUMBER: 07/510,153
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: WORDPERFECT CURRENT APPLICATION DATA: APPLICATION NUMBER: US FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY
                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: FLOPPY
                                         CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 41 amino a TYPE: Amino acid STRANDEDNESS: TOPOLOGY: Unknown
                                    COMPUTER: 15" .. PC-DUS/ .. OPERATING SYSTEM: PC-DUS/ .. OPERATING: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                            STREET: 345 PARK
CITY: NEW YORK
STATE: NEW YORK
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
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                                                                                                                                                                                                                                                                                       10154
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                                                                                                                                                                                                                                                                                                                       USA
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                                                                                                                  IBM PC COMPATIBLE SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                     FLOPPY DISK
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US/08/262,037
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US-08-262-037-53
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TELEPAX: 708-93/-006 6 INFORMATION FOR SEQ ID NO: 6 SEQUENCE CHARACTERISTICS: LENGTH: 49 amino acids TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 6, Application PC/TUS9207813
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.0%; Score 20; 18est Local Similarity 100.0%; Pred. No. 3 Matches 4; Conservative 0; Mismatche
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SEQUENCE CHARACTERISTICS:
LENGTH: 48 amino acids
TYPE: Amino acid
                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION WHERE: PCT/US92/07813
FILING DATE: 19920916
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 16-April-19
ATTORNEY/AGENT INFORMATION:
NAME: Maria C. H. Lin
                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: POREMBSKIP, PRISCILLA E.
REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 4767.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-937-6365
                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: ABBOTT LABORATORIES
STREET: ONE ABBOTT PARK ROAD
CITY: ABBOTT PARK
STATE: ILLINOIS
COUNTRY: U.S.A.
ZIP: 60064-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: HEPATITIS C ASSAY NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: LESNIEWSKI, RICHARD R. APPLICANT: LEUNG, TAT K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILLING DATE: 07-Feb-1991
APPLICATION NUMBER: 07/558,799
FILLING DATE: 26-July-1990
APPLICATION NUMBER: 07/510,153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 26-Jul APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 07/667,275 FILING DATE: 11-Mar-1991
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IMBER: 07/651,735
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3ER: 1151-4043 US3
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                                                                                                                                                                                                                                                                                                                                                                  US-08-262-037-54
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                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (212) 751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 54 amino acids
TYPE: Amino acid
STRANDEDNESS:
TOPOLOGY: Unknown
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Patent No. 5747239

Patent N
                                                                                                                                                                 Query Match 100.0%; Score 20; DB 1; Length 54 Best Local Similarity 100.0%; Pred. No. 3.8e+02; Matches 4; Conservative 0; Mismatches 0; Indels
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ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/262,037
FILING DATE: 24-June-1991
APPLICATION NUMBER: 07/667,275
FILING DATE: 11-Mar-1991
APPLICATION NUMBER: 07/667,275
FILING DATE: 10-Feb-1991
APPLICATION NUMBER: 07/551,735
FILING DATE: 07-Feb-1991
APPLICATION NUMBER: 07/558,799
FILING DATE: 16-April-1990
APPLICATION NUMBER: 07/510,153
FILING DATE: 16-April-1990
APPLICATION NUMBER: 07/510,153
FILING DATE: 16-April-1990
APPLICATION NUMBER: 07/510,153
FILING DATE: 16-April-1990
ATTORNEY/AGENT INFORMATION:
NAME: WARTIA C. H. Lin
REGISTRATION NUMBER: 29,323
REFERENCE/DOCKET NUMBER: 1151-4043 U
TELECOMMUNICATION INFORMATION:
TELEFAX: (212) 751-6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
STREET: 345 PARK AVE.
CITY: NEW YORK
STATE: NEW YORK
1 VVPQ 4
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Search completed: April 16, 2003, 09:40:00 Job time: 8.95652 secs

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Result
No.
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Total number of hits satisfying chosen parameters:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Searched:
    Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                Score
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length: 2000000000
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Match
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1: /cgn2_6/ptodata/1/paa/PCT_NEW_COMB.pep:*

2: /cgn2_6/ptodata/1/paa/US06_NEW_COMB.pep:*

3: /cgn2_6/ptodata/1/paa/US07_NEW_COMB.pep:*

4: /cgn2_6/ptodata/1/paa/US08_NEW_COMB.pep:*

5: /cgn2_6/ptodata/1/paa/US08_NEW_COMB.pep:*

6: /cgn2_6/ptodata/1/paa/US08_NEW_COMB.pep:*

6: /cgn2_6/ptodata/1/paa/US08_NEW_COMB.pep:*

7: /cgn2_6/ptodata/1/paa/US09_NEW_COMB.pep:*
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                                                                                                                                                                                                                                                                                                                             Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GenCore version 5.1.4_p5_4578 (c) 1993 - 2003 Compugen Ltd.
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US-09-580-893C-45
US-09-580-893D-47
US-09-580-893D-47
US-09-580-1108-45
US-09-580-1156D-45
US-09-580-156D-47
US-09-580-893C-46
US-09-580-893C-46
US-09-580-893C-46
US-09-580-893D-46
US-09-580-893D-46
US-09-580-1108-48
US-09-580-1108-49
US-09-580-1108-49
US-09-580-1108-49
US-09-580-1108-53
US-09-580-893C-53
US-09-580-893C-53
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; NAME/KEY: PEPTIDE
; LOCATION: (1)..(5)
US-09-580-893C-45
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US-09-580-893C-45
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	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 8	Sequence 8	Sequence 8	Sequence 5	Seguence 5	Sequence 50							
•	11044, A	16368, A	11044, A	313, Ap	1314, Ap	1315, Ap	1, Appl	81, Appl	81, Appl	54, Appl	51, Appl	54, Appl	51, Appl	54, Appl	1, Appl	54, Appl	51, Appl	53, Appl	•

ALIGNMENTS

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APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBERS US/09/580,893C
CURRENT APPLICATION NUMBERS US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 47
LENGTH: 5
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, PELIP
APPLICANT: JIMENEZ JR, PELIP
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 45
LENGTH: 5
                                                                                                                                                                                                                                                                                   Sequence 47, Application US/09580893C GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 45, Application US/09580893C GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
nes 5; Conserv
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Pred. No.
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US-09-580-893D-45
; Sequence 45, Application US/09580893D
; GENERAL INFORMATION:
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Best Local Similarity
Thes 5; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-1144-US
CURRENT APPLICATION UNMEBR: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE PATENTIN VET: 2.1
SEQ ID NO 45
                                                                                                                               SOFTWARE: PatentIn Ver. 2.1 SEQ ID NO 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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                                                                                                                                                                                                                                                                                                     Sequence 47, Applica GENERAL INFORMATION:
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                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/580,893D CURRENT FILING DATE: 2002-10-08 NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                  APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
                                                                                                                                                                                                                                                                   APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
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NAME/KEY: PEPTIDE
LOCATION: (1)..(5)
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               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT ORGANISM: Artificial Sequence
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                                                                           ORGANISM: Artificial Sequence
                                             OTHER INFORMATION: Description of Artificial Sequence: Peptide
                                                               FEATURE:
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LOCATION:
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Pred. No. 6e+05;
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US-09-580-110E-47
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US-09-580-110E-45
 Query Match
Best Local S
Matches 5
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CURRENT FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin version 3.1
SEQ ID NO 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 45, Application US/09580110E GENERAL INFORMATION:
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SEQ ID NO 47
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Matches 5; Conserv
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Best Local
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CURRENT APPLICATION NUMBER: US/09/580,110E
CURRENT FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 5
TYPE: PRT
ORGANISM: Artificial
FEATURE:
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APPLICANT: Sandberg, Lawrence B.

APPLICANT: Sandberg, Lawrence B.

TITLE OF INVENTION: ELASTIN PEPFIDE ANALOGS AND USES OF SAME IN COMBINATION WITH SKIN TITLE OF INVENTION: ENHANCING AGENTS
                                                                                                                                                                                                                                                                                                                                               APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS
TITLE OF INVENTION: ENHANCING AGENTS
                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Mitts, Thomas F. APPLICANT: Sandberg, Lawre
                                                                              FEATURE: MOD_RES
LOCATION: (5)..(5)
OTHER INFORMATION: AMIDATION
                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: peptide
                                                                                                                                                                                                            TYPE: PRT
                                                                                                                                                                              FEATURE:
                                                                                                                                                                                        ORGANISM: Artificial
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100.0%; Score 24; DB 5; Length 5; larity 100.0%; Pred. No. 6e+05; Conservative 0; Mismatches 0; Indels
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Pred. No. 6e+05;
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APPLICANT: LAWRENCE, Sandberg B.
APPLICANT: Thomas, Mitte F.
ITITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND FILE REFERENCE: 25812-5CIP
CURRENT PILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 09/039,308
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 09/039,308
PRIOR FILING DATE: 1998-03-13
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: PCT/US99/05496
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn version 3.1
SEQ ID NO 47
LENGTH: 5
TYPE: PRI
DECAMINATE ANALOGY.
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GENERAL INFORMATION:
APPLICANT: Lawrence, Sandberg B.
APPLICANT: Thomas, Mitts F.
APPLICANT: Thomas, Mitts F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND USES THEREOF
FILE REFERENCE: 25812-5CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 47, Application US/09580156D GENERAL INFORMATION:
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                                                  Query Match
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                                   Matches
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PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: PCT/US99/05496
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.1
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                                                                                                                        NAME/KEY: MOD_RES
LOCATION: (5)..(5)
OTHER INFORMATION: AMIDATION
                                                                                                                                                                                                                     ORGANISM: Artificial FEATURE:
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ORGANISM: Artificial
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Pred. No. 6e+05;
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Best Local Similarity
Triches 5; Conserve
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; LOCATION: (1)
; OTHER INFORMATION: ACETYLATION
US_09-580-893C-44
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APPLICANT: SANDBERG, THOMAS P
APPLICANT: MITTS, THOMAS P
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 44
Sequence 48, Application US/09580893C
GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B
                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 46
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GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B
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APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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100.0%; Pred. No.
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RESULT 12
US-09-580-893D-44
; Sequence 44, Application US/09580893D
; GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                       RESULT 13
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CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PATENTIN VEY. 2.1
SEQ ID NO 48
                                                                                                   Sequence 46, Application US/09580893D GENERAL INFORMATION:
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Best Local Similarity
Matches 5; Conserv
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APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT APPLING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
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TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
              APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOWAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893D
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TYPE: PRT
ORGANISM: Artificial Sequence
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NAME/KEY: MOD_RES
LOCATION: (6)
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TYPE: PRT
ORGANISM: Artificial Sequence
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Pred. No. 6e+05;
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Pred. No.
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GENERAL INFORMATION:

APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 48
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Best Local S
Matches 5
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                                                                             SOFTWARE: PatentIn version 3.1
SEQ ID NO 44
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                                                                                                                                                                APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS
TITLE OF INVENTION: ENHANCING AGENTS
FILE REFERENCE: 25812-13
                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/580,110E CURRENT FILING DATE: 2000-05-30
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                                                                                                                  NUMBER OF SEQ ID NOS: 75
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OTHER INFORMATION: Description of Artificial Sequence: peptide
                 ORGANISM: Artificial FEATURE:
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nes 5; Conservative
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100.0%; Pred. No.
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Page 5
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; FEATURE:
; NAME/KEY: MOD RES
; LOCATION: (1)...(1)
; OTHER INFORMATION: ACETYLATION
; PEATURE:
; NAME/KEY: MOD RES
; LOCATION: (6)...(6)
; LOCATION: (6)...(6)
; OTHER INFORMATION: AMIDATION
US-09-580-110E-44

Query Match
Best Local Similarity 100.0%; Score 24; DB 5; Length 6;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Search completed: April 16, 2003, 09:50:48
Job time: 21 secs
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Post-processing: Minimum Match 0%
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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Sequence 45, Appl Sequence 47, Appl Sequence 45, Appl Sequence 47, Appl Sequence 44, Appl Sequence 46, Appl	Description

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RESULT 4
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EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 47, Application US/09584001 GENERAL INFORMATION:
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LENGTH: 5
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APPLICANT: MITTS, THOMAS F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME
FILE REFERENCE: 99494US
CURRENT APPLICATION NUMBER: US/09/584,001
CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/584,001C CURRENT FILING DATE: 2002-04-30 NUMBER OF SEQ ID NOS: 75 SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                             APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs and Methods of Using
FILE REFERENCE: 25812-11
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COTHER INFORMATION: AMIDATION
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TYPE: PRT
ORGANIAM: Artificial Sequence
FEATURE:
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US-09-584-001C-47

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; LOCATION: (5)
; OTHER INFORMATION: AMIDATION
US-09-584-001C-47
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US-09-584-001-46
(S-09-584-001-46); Sequence 46, Application US/09584001
; GENERAL INFORMATION:
; APPLICANT: MITTS, THOMAS F.
; ATITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME
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Best Local Similarity
Matches 5; Conserva
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ORGANISM: mammalian
FEATURE:
NAME/KEY: MOD_RES
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CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 47, Application US/09584001C GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME FILE REFERENCE: 99494US
CURRENT APPLICATION NUMBER: US/09/584,001
CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
EARLIER APPLICATION NUMBER: PCT/US99/05496
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn Ver. 2.1
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APPLICANT: MITTS, THOMAS
                                                                                                                                                                                                                                                                                                                                                        FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: peptide
FEATURE:
FEATURE:
                                                                                                                                                                                                                                                                                                                     NAME/KEY: MOD_RES
LOCATION: (1)
OTHER INFORMATION: ACETYLATION
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les 5; Conserv
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Pred. No.
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FILE REFERENCE: 99494US

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US-09-584-001-48
; Sequence 48, Application US/09584001
; GENERAL INFORMATION:
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                                                                                                                                                                       RESULT 8
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                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Description of Artificial Sequence: peptide US-09-584-001-48
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Sequence 44, Application US/09584001C
GENERAL INFORMATION:
APPLICANT: Witts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs and Methods of Using
FILE REFERENCE: 25812-11
CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
EARLIER FILING DATE: 1998-03-12
EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 48
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Matches 5; Conserv
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APPLICANT: MITTS, THOMAS F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 99494US
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EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
EARLIER APPLICATION NUMBER: PCT/US99/05496
EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: MOD_RES
LOCATION: (6)
LOCATION: AMIDATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial Sequence
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Pred. No. 4.2e+06;
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Pred. No. 4.2e+06
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Query Match
Best Local Similarity
Watches 5; Conserve
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US-09-584-001C-46
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; OTHER INFORMATION: AMIDATION US-09-584-001C-48
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                                                                                                                         *CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 48
                                                                                                                                                                                                                                                                          Sequence 48, Application US/09584001C GENERAL INFORMATION:
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 46
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GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs and Methods of Using Same
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SOFTWARE: PatentIn Ver. :
SEQ ID NO 44
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APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Blastin Peptide Analogs
FILE REFERENCE: 25812-11
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CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/584,001C
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TYPE: PRT
ORGANISM: mammalian
                           FEATURE:
NAME/KEY: MOD_RES
LOCATION: (6)
                                                                                                 TYPE: PRT
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                                                                              ORGANISM: mammalian
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ORGANISM: mammalian
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Pred. No. 4.2e+06;
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US-09-584-001-50
; Sequence 50, Application US/09584001
; GENERAL INFORMATION:
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                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/584,001
CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
EARLIER APPLICATION NUMBER: PCT/US99/05496
EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver: 2.1
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Best Local Similarity
Matches 5; Conserv
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                                                                                                                                                                                   SEQ ID NO 53
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CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
EARLIER APPLICATION NUMBER: PCT/US99/05496
EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: SANDBERG, LAWRENCE APPLICANT: MITTS, THOMAS F.
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                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF FILE REFERENCE: 99494US
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OTHER INFORMATION: TERMINAL CYSTEINES FORM DISULFIDE BOND
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: peptide
NAME/KEY: METAL LOCATION: (1)...(7)
OTHER INFORMATION: METAL IS COPPER; BINDING TO LOCATION 1 AND 7
                                                                 FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: peptide
                                                                                                                       ORGANISM: Artificial Sequence
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Pred. No. 4.2e+06;
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Pred. No. 4.2e+06;
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: PRT; ORGANISM: mammalian; US-09-584-001C-50
                                                    RESULT 15
US-09-584-001-51
; Sequence 51, Application US/09584001
; GENERAL INFORMATION:
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GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs and Methods of Using Same
FILE REFERENCE: 25812-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 50
                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 53, Application US/09584001C
GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Ver. SEQ ID NO 53
              APPLICANT: SANDBERG, LAWRENCE
APPLICANT: MITTS, THOMAS F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME
                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/584,001C CURRENT FILING DATE: 2002-04-30 NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 25812-11
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs
FILE REFERENCE:
                                                                                                                                                                                                                                                                                        ORGANISM: mammalian
                                                                                                                                                                                                                                                                                                      TYPE: PRT
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Pred. No. 4.2e+06;
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Pred. No. 4.2e+06;
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Page 5
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CURRENT APPLICATION NUMBER: US/09/584,001

CURRENT FILING DATE: 2000-05-30

EARLIER APPLICATION NUMBER: 09/039,308

EARLIER PILING DATE: 1998-03-13

EARLIER PILING DATE: 1998-03-12

RUMBER OF SEQ ID NOS: 75

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 5:

LENGTH: 8

TYPE: PT

ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: peptide
FEATURE:

NAME/KEY: DISULFID

LOCATION. (1)..(8)

OTHER INFORMATION: TERMINAL CYSTEINES FORM DISULFIDE BOND

US-09-584-001-51

Query Match
Best Local Similarity 100.0%; Score 24; DB 19; Length 8;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OTHER INFORMATION: TERMINAL CYSTEINES FORM DISULFIDE BOND

Search completed: April 16, 2003, 09:49:10

Search completed: April 16, 2003, 09:49:10
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Copyright

GenCore version 5.1.4_p5_4578 (c) 1993 - 2003 Compugen Ltd.

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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Published Applications AA:*

1: /cgn2 6/ptodata/1/pubpaa/US08 NEW PUB.pep:*

2: /cgn2-6/ptodata/1/pubpaa/US06 NEW PUB.pep:*

3: /cgn2-6/ptodata/1/pubpaa/US06 NEW PUB.pep:*

4: /cgn2-6/ptodata/1/pubpaa/US06 PUBCOMB.pep:*

5: /cgn2-6/ptodata/1/pubpaa/US07 NEW PUB.pep:*

6: /cgn2-6/ptodata/1/pubpaa/US07 PUBCOMB.pep:*

6: /cgn2-6/ptodata/1/pubpaa/PCTUS PUBCOMB.pep:*

7: /cgn2-6/ptodata/1/pubpaa/US09 PUBCOMB.pep:*

9: /cgn2-6/ptodata/1/pubpaa/US09 NEW PUB.pep:*

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10: /cgn2-6/ptodata/1/pubpaa/US10 NEW PUB.pep:*

11: /cgn2-6/ptodata/1/pubpaa/US10 NEW PUB.pep:*

12: /cgn2-6/ptodata/1/pubpaa/US10 NEW PUB.pep:*

13: /cgn2-6/ptodata/1/pubpaa/US00_NEW PUB.pep:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

19	18	17	16	15	14	13	12	11	10	. 9	· œ	7	6	, UT	4.	. Lui	N	, р	NO.	Result
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US-09-738-626-6053	US-09-864-761-46685	US-09-815-242-12913	US-09-815-242-5815	US-10-101-388-3	US-09-862-027-78	US-09-836-392-16	US-09-759-130B-446	US-09-759-130B-440	US-10-042-431-76	US-10-042-431-70	US-09-746-783-66	US-09-815-242-10568	US-10-102-806-617	US-09-755-456-7	US-09-764-847-555	US-09-764-864-1327	US-10-092-154-555	US-09-826-290-7	ID	
	Sequence 46685, A	Sequence 12913, A	Sequence 5815, Ap	Sequence 3, Appli	Sequence 78, Appl	Sequence 16, Appl	Sequence 446, App	440,	Sequence 76, Appl	Sequence 70, Appl	Sequence 66, Appl	Sequence 10568, A	Sequence 617, App	Sequence 7, Appli	Sequence 555, App	Sequence 1327, Ap	Sequence 555, App	Sequence 7, Appli	Description	

45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	
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US-09-815-242-12389	US-09-815-242-5635	US-09-873-409-5	US-09-873-409-6	US-09-873-409-4	US-09-741-664-2	US-09-741-664-1	US-09-229-173-3	US-09-891-332A-9	US-09-891-332A-8	US-09-891-332A-7	US-09-891-332A-6	US-09-891-332A-2	US-09-873-409-2	US-09-891-332A-5	US-09-891-332A-3	US-09-873-409-1	US-09-891-332A-10	US-09-891-332A-4	US-09-931-147-2	US-09-864-761-35385	US-09-997-900-2	US-09-129-112-19	US-09-350-259-101	US-09-815-242-10970	
	563	<u>ა</u>	Sequence 6, Appli	4	2	Sequence 1, Appli	•	Sequence 9, Appli	Sequence 8, Appli	7,	6	Sequence 2, Appli	ი 2	5	٣.	Sequence 1, Appli	10,	Sequence 4, Appli	Sequence 2, Appli	Sequence 35385, F	2, 4	19, ,	Sequence 101, App	Sequence 10970, I	

ALIGNMENTS

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APPLICANT: Williams, Stephen A.
TITLE OF INVENTION: Uses Therefor, Including Diagnosis and Treatille OF INVENTION: Uses Therefor, Including Diagnosis and Treatille OF INVENTION: Uses Therefor, Including Diagnosis and Treatille OF INVENTION: Altheimer's Disease
FILE REFERENCE: 2572-1-001 N2
CURRENT APPLICATION NUMBER: US/09/0826,290
CURRENT FILING DATE: 2001-04-30
PRIOR APPLICATION NUMBER: US 60/194,504
PRIOR APPLICATION NUMBER: US 60/194,504
PRIOR APPLICATION NUMBER: US 60/253,647
PRIOR APPLICATION NUMBER: US 60/253,647
PRIOR FILING DATE: 2000-01-28
NUMBER OF SEQ ID NOS: 492
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 7
LENGTH: 15
TYPE: PRT
ORGANISM: homo sapien
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US-09-826-290-7
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APPLICANT:
APPLICANT:
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APPLICANT: Durham, L.Kathryn
APPLICANT: Friedman, David L.
APPLICANT: Herath, Herath Mudiyanselage Athula Chandrasiri
APPLICANT: Kimmel, Lida H.
APPLICANT: Kimmel, Baiaah Bhikhu
                                                       Query Match
Best Local Similarity
Matches 5; Conserv
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APPLICANT:
1 AVVPQ 5
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Silber, B. Michael
Stiger, Thomas R.
Sunderland, P. Trey
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Potter, David M.
Rohlff, Christian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Townsend, Robert Reid White, Frost
                                                              100.0%; Score 24; DB ilarity 100.0%; Pred. No. 12; Conservative 0; Mismatches
                                                                                                     DB 9;
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                                                                                                     Length 15;
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US-10-092-154-555
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; Sequence 1327, Application US/09764864
; Patent No. US20020132753A1
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Best Local Similarity
5; Conser
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                                                                                                                                        Prior application data removed -
NUMBER OF SEQ ID NOS: 1792
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1327
                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PTZ23
CURRENT APPLICATION NUMBER: US/09/764,864
CURRENT FILING DATE: 2001-01-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins,
FILE REFERENCE: PC009C1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
LOCATION: (136)
OTHER INFORMATION: Xaa e
NAME/KEY: misc_feature
LOCATION: (141)
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CURRENT FILING DATE: 2002-03-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Prior Application removed - See File Wrapper or Palm SOFTWARE: PatentIn Ver. 2.0
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10-092-154-555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature LOCATION: (121)
LOCATION: (123)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids NAME/KEY: misc feature LOCATION: (123)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids occurring L-amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
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LOCATION: (129)
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OTHER INFORMATION: Xaa
NAME/KEY: SITE
                                   NAME/KEY: SITE
LOCATION: (121)
                                                                        FEATURE:
                                                                                    ORGANISM: Homo sapiens
                                                                                                            TYPE: PRT
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OTHER INFORMATION: Xaa
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b. US20030054375A1
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RESULT 5 US-09-755-456-7

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                                  Query Match
Best Local Similarity
"---hes 5; Conserv?
                                                                                           ; OTHER INFORMATION: US-09-764-847-555
                                                                                                                                                                                                                                                                                                                                                        Prior application data removed
NUMBER OF SEQ ID NOS: 2003
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/764,847
CURRENT FILING DATE: 2001-01-17
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins,
FILE REFERENCE: PC009
                                                                                                                 LOCATION: (136)
OTHER INFORMATION: 1
NAME/KEY: SITE
LOCATION: (141)
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NAME/KEY: SITE
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OTHER INFORMATION: Xaa
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LOCATION: (141
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NAME/KEY: SITE
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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Pred. No. 1.4e+02
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Pred. No. 1.4e+02;
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TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PA103PIC1
CURRENT APPLICATION NUMBER: US/10/102,806
CURRENT FILING DATE: 2002-03-22
PRIOR APPLICATION NUMBER: 09/925,298
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05881
PRIOR APPLICATION NUMBER: PCT/US00/05881
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 846
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 617
LENGTH: 362
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CURRENT FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: PCT/FR99/01630
PRIOR FILING DATE: 1999-07-06
PRIOR APPLICATION NUMBER: FR 98/08692
PRIOR FILING DATE: 1998-07-07
NUMBER OF SEQ ID NOS: 10
SOPTWARE: PATENTIN Ver. 2.1
SEQ ID NO 7
LENGTH: 277
RESULT 7
US-09-815-242-10568
; Sequence 10568, Application US/09815242
; Patent No. US20020061569A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-102-806-617; Sequence 617; Application No. US200; Publication No. US200; GENERAL INFORMATION:
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; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino US-10-102-806-617
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; ORGANISM: Encephalitozoon cuniculi
US-09-755-456-7
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Best Local Similarity
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APPLICANT: VIVARES, CHRISTIAN
TITLE OF INVENTION: MICROSPORIDIAN POLAR TUBE PROTEINS, NUCLEIC ACIDS
TITLE OF INVENTION: CODING FOR THESE PROTEINS AND THEIR APPLICATIONS
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                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
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100.0%; P
ative 0;
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Pred. No. 3.9e+02;
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Best Local Similarity 100.
"----hes 5; Conservative
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PRIOR FILING DATE: 2000-05-23
*PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 14110
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10568
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 66, Ap
Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2000-12-22 PRIOR APPLICATION NUMBER: 60/269,308
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PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
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CURRENT FILING DATE: 2001-03-21
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TITLE OF INVENTION: Prokaryotes
FILE REFERENCE: ELITRA.011A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE:
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                                   ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute,
STREET: 87 CambridgePark Drive
                                                                                                                                                                                                                                           TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                      STATE: MA
                                                                                                                                       CITY: Cambridge
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Zyskind, Judith W.
                                                                                                   COUNTRY: U.S.A.
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No. US20030044935A1
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Yamamoto, Robert T.
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                                                                                                                                                                                                                       OF SEQUENCES:
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Spaulding, Vikki
Agostino, Michael J.
                                                                                                                                                                                                                                                                                                      Howes, Steven H.
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                                                                                  US-10-042-431-76

; Sequence 76, Application US/10042431

; Publication No. US20020182675A1
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US-10-042-431-70
                                                                                                                                                          RESULT 10
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Best Local Similarity ivv.
""" hes 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 09/578,063
PRIOR FILING DATE: 2000-05-24
NUMBER OF SEQ ID NOS: 79
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 70
LENGTH: 760
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 70, Application US/100 Publication No. US20020182675A1 GENERAL INFORMATION:
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                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: MCCARTHY, Sean A
APPLICANT: BARNES, Thomas M
APPLICANT: FRASER, Christopher C
APPLICANT: SHARP, John D
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS
TITLE OF INVENTION: PREVENTIVE, THERAPEUTIC, AND
FILE REPERENCE: 10147-6U2
CURRENT APPLICATION NUMBER: US/10/042,431
CURRENT FILING DATE: 2001-10-25
CURRENT FILING DATE: 2001-10-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 09/333,159
PRIOR FILING DATE: 1999-06-14
APPLICANT: MCCARTHY, Sean A
APPLICANT: BARNES, Thomas M
APPLICANT: FRASER, Christopher C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (617) 742-4214
INFORMATION FOR SEQ ID NO: 66:
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                                                                                                                                                                                                                          446 AVVPQ 450
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/746,783
FILING DATE: 21-Dec-2000
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Mlasincic, Debra J.
REGISTRATION NUMBER: 46,931
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                 1 AVVPQ 5
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MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 66:
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TYPE: amino acid
STRANDEDNESS: <Unknown>
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100.0%; Pred. No. 8.8e+02;
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Pred. No. 5.3e+02;
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                                        PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/608,452
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/393,996
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 09/602,871
PRIOR APPLICATION NUMBER: US 09/602,707
PRIOR PRILING DATE: 2000-06-23
PRIOR PILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-19
                                                                                                                                                                                                                                                       CURRENT FILING DATE: 2002-09-16
PRIOR APPLICATION NUMBER: US 09/479,249
PRIOR APPLICATION NUMBER: US 09/479,249
PRIOR APPLICATION NUMBER: US 09/559,497
PRIOR APPLICATION NUMBER: US 09/559,497
PRIOR APPLICATION NUMBER: US 09/578,063
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: US 09/578,063
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: US 09/333,159
PRIOR APPLICATION NUMBER: US 09/596,194
PRIOR FILING DATE: 1999-06-14
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: US 09/596,194
PRIOR APPLICATION NUMBER: US 09/342,364
PRIOR APPLICATION NUMBER: US 09/342,364
PRIOR APPLICATION NUMBER: US 09/342,364
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 76
LENGIH: 760
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Best Local Similarity
Matches 5; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING DIAGNOSTIC,
TITLE OF INVENTION: PREVENTIVE, THERAPEUTIC, AND OTHER USES
FILE REFERENCE: 10147-6U2
CURRENT APPLICATION NUMBER: US/10/042,431
CURRENT FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: US 09/333,159
PRIOR APPLICATION NUMBER: US 09/333,159
PRIOR PILING DATE: 1999-06-14
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TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING
TITLE OF INVENTION: PROGNOSTIC, DIAGNOSTIC, PREVENTIVE,
TITLE OF INVENTION: USES.
FILE REFERENCE: MP100-5350MNIM
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                      NUMBER OF SEQ ID NOS: 460
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Millennium Pharmaceuticals, Inc.
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SOFTWARE: FastSEQ for Windows Version 4.0
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Myers, Paul S
Leiby, Kevin R
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Kirst, Susan J
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Pred. No. 8.8e+02;
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US-09-759-130B-446
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 09/479,249
PRIOR FILING DATE: 2000-01-07
PRIOR PELICATION NUMBER: US 09/559,497
PRIOR PELICATION NUMBER: US 09/578,063
PRIOR APPLICATION NUMBER: US 09/578,063
PRIOR FILING DATE: 2000-05-24
PRIOR PELICATION NUMBER: US 09/333,159
PRIOR APPLICATION NUMBER: US 09/333,159
PRIOR PILING DATE: 1999-06-14
PRIOR PELICATION NUMBER: US 09/596,194
PRIOR PILING DATE: 2000-07-14
                                                                  Query Match
Best Local Similarity
Matches 5; Conserv
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SOFTWARE: FastSEQ for Windows Version 4-0
SEQ ID NO 446
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PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 09/602,871
PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: US 09/420,707
PRIOR PILING DATE: 1999-10-19
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TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING
TITLE OF INVENTION: PROGNOSTIC, DIAGNOSTIC, PREVENTIVE,
TITLE OF INVENTION: USES.
FILE REFERENCE: MPIO10-5350MNIM
CURRENT APPLICATION NUMBER: US/09/759,130B
CURRENT FILING DATE: 2002-09-16
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TYPE: PRT
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446 ÁVVPQ 450
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APPLICATION NUMBER: US 09/608,452
                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 2000-06-30
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Kirst, Susan J
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Sharp, John D
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o. US20030022279A1
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                                                                      Conservative
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                                                                100.0%; Score 24;
100.0%; Pred. No.
tive 0; Mismatch
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Pred. No.
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thes 0;
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US-09-836-392-16
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RESULT 15
US-10-101-388-3
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US-09-836-392-16
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PRIOR FILING DATE: 2000-03-14
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Patent No. US20020173458A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Protein Tyrosine Kinase Receptor Polynucleotides, Polypeptides,
TITLE OF INVENTION: Antibodies
                                                                                                                                                                                                                                                                                  SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 78
LENGTH: 1237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 78, Application US/09862027 Patent No. US20020142428A1
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PRIOR APPLICATION NUMBER: 60/159,542
PRIOR FILING DATE: 1999-10-15
PRIOR APPLICATION NUMBER: 60/165,914
PRIOR FILING DATE: 1999-11-17
PRIOR APPLICATION NUMBER: 60/165,914
                                                                                                                                                                                                                                                                                                                                                         CURRENT FILING DATE: 2001-05-21 PRIOR APPLICATION NUMBER: US 09/345,473 PRIOR FILING DATE: 1999-06-30
                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Hodge, Martin R.
TITLE OF INVENTION: NO. US20020142428A1e1
FILE REFERENCE: 35800/234862
CURRENT APPLICATION NUMBER: US/09/862,027
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US00/28066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/836,392
CURRENT FILING DATE: 2001-04-18
                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 34
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                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Homo sapiens
                                                                         1114 AVVPQ 1118
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                                                                                                            DAVAN I
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100.0%; Pred. No. 1
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Pred. No.
                                                                                                                                                   Mismatches
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                                                                                                                                                                                     Length 1237;
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GENERAL INFORMATION:

Sequence 3, Application US/10101388 Patent No. US20020162142A1

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APPLICANT: Briggs, Steven P
TITLE OF INVENTION: GENES AND METHODS FOR MANIPULATION OF GROWTH
FILE REFERENCE: $718.81 (035718/205794)
CURRENT APPLICATION NUMBER: US/10/101,388
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/711,562
PRIOR FILING DATE: 2000-11-13
PRIOR PLICATION NUMBER: 60/164,886
PRIOR FILING DATE: 1999-11-12
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 3
LENGTH: 1394
TYPE: PAT
ORGANISM: Zea mays
US-10-101-388-3

Query Match
Best Local Similarity 100.0%; Score 24; DB 9; Length 1394;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps O

1 AVVPQ 1204

Search completed: April 16, 2003, 09:51:41
Job time: 11 secs
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Result
No.
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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                 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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seq length: 2000000000
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1: /cgn2_6/ptodata/1

2: /cgn2_6/ptodata/1

3: /cgn2_6/ptodata/1
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/cgn2 6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2 6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2 6/ptodata/1/iaa/6B_COMB.pep:*
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US-08-813-591-4
US-08-818-207A-325
US-07-881-075-1
US-08-12-0827-1
US-08-12-0827-1
US-08-969-046-4
US-08-911-364-1
US-08-969-046-4
US-08-969-046-4
US-08-11-364-1
US-08-481-0804-17
US-08-481-0804-3
US-08-485-511-3
US-08-485-518-101
US-08-485-518-101
US-08-913-363-101
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             PCT-US96-09641-39
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Sequence 2, Appli
Sequence 2, Appli
Sequence 40, Appl
Sequence 3, Appli
Sequence 3, Appli
Sequence 3, Appli
Sequence 30, Appli
Sequence 101, App
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e 13, Appl
e 19, Appl
e 2, Appli
e 39, Appl
e 39, Appl
e 39, Appl
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34, Appli
325, Appli
1, Appli
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23 95.8 571 3 US-08-484-661A-37 23 95.8 571 3 US-08-656-664-37 23 95.8 571 3 US-08-656-664-37 23 95.8 571 5 PCT-US96-09441-37 23 95.8 578 3 US-08-484-661A-11 23 95.8 578 3 US-08-656-664-11 23 95.8 678 5 PCT-US96-09441-11 23 95.8 610 1 US-08-410-804-1 23 95.8 610 1 US-08-410-804-1 23 95.8 610 2 US-08-484-661A-1 23 95.8 610 3 US-08-484-661A-2 23 95.8 610 3 US-08-484-661A-3 25 95.8 610 3 US-08-484-661A-3 26 95.8 610 3 US-08-484-661A-3 27 95.8 610 3 US-08-484-661A-3 28 95.8 610 3 US-08-484-661A-3	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	20
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ALIGNMENTS

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PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: JP 030458/1997
APPLICATION NUMBER: JP 030458/1997
ATTORNEY/AGENT INFORMATION:
NAME: OBLOW, NORMAN F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 10-845-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
TELECAX: 703-413-3200
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 amino acids
US-09-500-651-4
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IRM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/500,651
FILING DATE:
                      MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: KAWAI, MISAKO
APPLICANT: MIWA, TETSUYA
APPLICANT: NIO, NORIKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: AMINOPEPTIDASE GX, AND A METHOD OF TITLE OF INVENTION: HYDROLYSING A PROTEIN WITH THE SAMINUMBER OF SEQUENCES: 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: OBLON
ADDRESSEE: P.C.
STREET: 1755 S.
CITY: ARLINGTON
STATE: VA
COUNTEX: USA
ZIP: 22202
                                        STRANDEDNESS: single TOPOLOGY: linear
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RESULT 3
US-08-858-207A-325
; Sequence 325, Application US/08858207A
; Patent No. 6348328
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CORRENTING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/813,591
FILING DATE: 07-MAR-1997
CLASSIFICATION DATA:
APPLICATION UNMBER: JP 051848/1996
FILING DATE: 08-MAR-1996
FILING DATE: 08-MAR-1996
FILING DATE: 08-MAR-1996
FILING DATE: 14-FEB-1997
FILING DATE: 14-FEB-1997
FILING DATE: 14-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 124,618
REFERENCE/DOCKET NUMBER: 10-845-0
TELECOMMUNICATION INFORMATION:
TELEPIONE: 703-413-3300
TELEPAX: 703-413-2220
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LERGY: 15 Amino Acide
LERGY: 15 Ami
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Best Local Similarity
Matches 5; Conserv
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: AMINOPEPTIDASE GX, AND A METHOD OF TITLE OF INVENTION: HYDROLYSING A PROTEIN WITH THE SAME NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: ASANO, MINAO
APPLICANT: KAWAI, MISAKO
APPLICANT: MIWA, TETSUYA
APPLICANT: NIO, NORIKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, ADDRESSEE: P.C. STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400 CTITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity es 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: sir
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          16 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 24; DB 2; Length 16; ilarity 100.0%; Pred. No. 16; Conservative 0; Mismatches 0: Trdela
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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Query Match
Best Local Similarity
"hehes 5; Conserva
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US-07-881-075-1
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APPLICANT: Nicholas, Richard
APPLICANT: Stodola, Robert
TITLE OF INVENTION: No. 6348328el Compounds
NUMBER OF SEQUENCES: 552
CORRESPONDENCE ADDRESS:
ADDRESSE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
                                                                                                                              GENERAL INFORMATION:
APPLICANT: KERNE, JACK D.
APPLICANT: KING, PETER H.
APPLICANT: LEVINE, TODD
TITLE OF INVENTION: METHODS
TITLE OF INVENTION: RECOGNS
TITLE OF INVENTION: RECOGNS
TITLE OF INVENTION: STOLEN TO SEQUENCES: 51
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/07881075
Patent No. 5444149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/017670
FILING DATE: 14-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Gimmi, Edward R
REGISTRATION NUMBER: 38,891
REGISTRATION NUMBER: 950475
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/858,207A
FILING DATE: 09-MAY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 252 amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                             173 AVVPQ 177
COUNTRY: U.
                                                                      ADDRESSEE: (ADDRESSEE: 175)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: King of Prussia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 AVVPQ 5
                CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 610-270-5090
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                                                          B: P.C.
1755 Jefferson Davis Highway, Fourth Floor
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Knowles, David
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IBM Compatible
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                                                                                                            OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT
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                                                                                                                                                   METHODS AND COMPOSITIONS USEFUL IN THE RECOGNITION, BINDING AND EXPRESSION OF RIBONUCLEIC ACIDS INVOLVED IN CELL GROWTH, NEOPLASIA AND IMMUNOREGULATION 51
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MEDIUM TYPE: Floppy

Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

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US-08-120-827-1
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TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 485 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.0%; Score 24; DB 1; Length 485; Best Local Similarity 100.0%; Pred. No. 5.4e+02; Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1, Application US/08120827 Patent No. 5525495
                                                        APPLICATION NUMBER: US/08/120,82*
FILING DATE: 15-SEP-1993
CLASSIFICATION: 435
ATTORNEY, AGENT INFORMATION:
NAME: Oblon, No. 5525495man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 714-158
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)413-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5444149man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 714-154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-4500
TELEPAX: (703)486-2347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: LEVINE, TODD
TITLE OF INVENTION: METHC
TITLE OF INVENTION: RECOC
TITLE OF INVENTION: INVOI
TELEX: 248855 OPAT UR
                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/881,075
FILING DATE: 1930511
CLASSIFICATION: 530
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         119 AVVPQ 123
                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: P.C.
STREET: 1755 Jefferson Davis Highway, Fourth Floor CITY: Arlington
STATE: Virginia
                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                         TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 485 amino acids
TYPE: AMINO ACID
TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A.
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                       248855 OPAT UR
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KING, PETER H.
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                                                                                                       714-158-0
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                                                                                                       CIP
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RESULT 7

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                                                                                                                                          US-08-478-675-1
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                                                                                                                                                                                                        TELEPHONE: (703)413-3000
TELEPAX: (703)413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 485 amino acids
                                                                     Matches
                                                                                         Best
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                                                                                                      Query Match
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MEDIOM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,675
FILLING DATE: 07-UN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/120,827
                                                                                                                                                         MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 71
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 15-SEP-1993
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, NO. 5773246man F.
REGISTRATION NUMBER: 24,618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: LEVINE, TODD
TITLE OF INVENTION: METHODS AND COMPOSITIONS USEFUL IN THE
TITLE OF INVENTION: RECOGNITION, BINDING AND EXPRESSION OF RIBONUCLEIC ACIDS
TITLE OF INVENTION: INVOLVED IN CELL GROWTH, NEOPLASIA AND IMMUNOREGULATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
119 ÁVVPQ 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               119 AVVPQ 123
                                                                                                                                                                         TYPE: ami
TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 1755 Jes
CITY: Arlington
STATE: Virginia
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Local Similarity 100.0%;
hes 5; Conservative 0;
                                                                     Local Similarity
mes 5; Conserv
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                                  1 AVVPQ 5
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amino acid
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                                                                     Conservative
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                                                                                                                                                                             unknown
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                                                                 100.0%; Score 24; DI
100.0%; Pred. No. 5.4
ative 0; Mismatches
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Pred. No. 5.4e+0;
                                                                                    5.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5.4e+02;
                                                                                                        DB 1;
                                                                                                    Length 485;
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                                                                 0;
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                                                                 Gaps
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US-08-969-046-4

Sequence 4, Application US/08969046B Patent No. 6455762

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Query Match
Best Local Similarity
Watches 5; Conserva
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; TYPE: PRT
; ORGANISM: Populus tremuloides Michx.
US-08-969-046-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-911-364-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 4
                                                                                                                                                                                 COMPUTER: ISM PC COMPARTIBLE
COMPUTER: ISM PC COMPARTIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/911,364
PILING DATE: 07-AUG-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/023,552
FILING DATE: 07-AUG-1996
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 2,768
REFERENCE/DOCKET NUMBER: 041082/0104
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Chiang, Vincent Lee C.
APPLICANT: Tsai, Chung-Jui
APPLICANT: Tsai, Chung-Jui
APPLICANT: Hu, Wen-Jing
TITLE OF INVENTION: Genetic engineering of trees through
TITLE OF INVENTION: manipulation of lignin biosynthesis
FILE REFERENCE: 881.003US1
CURRENT APPLICATION NUMBER: US/08/969,046B
CURRENT FILING DATE: 1997-11-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 15
                                                                                                                             TELEFAX: (202) 672-5399 INFORMATION FOR SEQ ID NO:
TOPOLOGY: 1
                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 731 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY & LARDNER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: KEELY, Fred W.
APPLICANT: ROTHSTEIN, Steven J.
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN
TITLE OF INVENTION: ELASTIN AND OTHER FIBROUS PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       493 AVVPQ 497
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 20007-5109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 AVVPQ 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                      STRANDEDNESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
                                                                                                                                                                      TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/08911364
                                                               amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3000 K Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 24; DB 4; illarity 100.0%; Pred. No. 6.4e+02; Conservative 0; Mismatches of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           U.S.A.
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                                                                                                                                                                      (202) 672-5300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 570;
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Best Local Similarity
Matches 5; Conserva
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                                                                                                                                   ; MOLECULE TYPE: protein US-08-464-700-2
                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSIEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,700
FILING DATE: 7-JUN-1995
CLASSIFICATION 1995
PRIOR APPLICATION NUMBER: AU PL6520
FILING DATE: 22-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PL9661
FILING DATE: 28-JUN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/AU93/00655
FILING DATE: 16-DEC-1993
PRIOR APPLICATION UNMBER: PCT/AU93/00655
FILING DATE: 16-DEC-1993
PRIOR APPLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/08464700 Patent No. 6232458
                                                              Query Match
Best Local Similarity
Matches 5; Conserv
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                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 733 amino acids
TYPE: amino acid
TYPE: TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     101 AVVPQ 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
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103 AVVPQ 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: Spring House
CITY: Spring House
STATE: Pennsylvania
                                                                                                                                                                                                                                                                                                              NAME: Bak, Mary E.
REGISTRATION NUMBER: 31,215
REFERENCE/DOCKET NUMBER: GHO
                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                          TELEPHONE:
                               1 AVVPQ 5
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                                                                     Conservative
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100.0%; Pred. No. 8.2e+02;
                                                                                  100.0%;
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                                                                                  Score 24; DB 4;
Pred. No. 8.3e+02;
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                                                                     Mismatches
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                                                                                                  Length 733;
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                                                                     Indels
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WS-08-678-039A-40
US-08-678-039A-40
; Sequence 40, Application US/08678039A
; Patent No. 5858662

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US-09-100-804-17
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Sequence 17, Appiro
Sequence 17, Appiro
No. 6066472
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTION DATA:
APPLICATION UNMBER: US/08/678,039A
FILING DATE: 10-JUL-1996
FILING DATE: 10-JUL-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,609
REGISTRATION NUMBER: 38,609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: GONEZ,
APPLICANT: SARAS,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: MOTRIS, COILE
TITLE OF INVENTION: Diag
TITLE OF INVENTION: Will
TITLE OF INVENTION: Pree
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SENERAL INFORMATION:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 23:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-624-1589
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: protein
                                                                                                                                                                                                      CORRESPONDENCE ADDRESS: ADDRESSEE: WOLF, GRE
                                                                                                                                                                                                                                                           APPLICANT: HELDIN, CARL-HENRIK
TITLE OF INVENTION: PRIMARY STRUCTURE AND FUNCTIONAL
TITLE OF INVENTION: EXPRESSION OF NUCLEOTIDE SEQUENCES FOR NOVEL PROTEIN
TITLE OF INVENTION: TYROSINE PHOSPHATASES
                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                             TUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       127 AVVPQ 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity 100.0%;
hes 5; Conservation
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                                                                                                                                              STATE: MASSACHUSETTS
                                                                                                                                                                                    STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.S.A.
ZIP: 20004
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                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 AVVPQ 5
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                                                                                                           02210
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                                                                                                                                                                  BOSTON
                                                                                                                                                                                                                                                                                                                                                                                                                                        Application US/09100804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        792 amino acids
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555 Thirteenth Street, N.W., Suite 701 East
                                                                                                                                                                                3: WOLF, GREENFIELD 600 ATLANTIC AVENUE
                                                                                                                                                                                                                                                                                                                                                             GONEZ, LEONEL JORGE SARAS, JAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   202-783-6031
                                                                                                                             USA
                                                                                                                                                                                                                                                                                                                                        CLAESSON-WELSH, LENA
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                                                                                                                                                                                                    GREENFIELD & SACKS, P.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Diagnosis of Williams Syndrome and Williams Syndrome Cognitive Profile by Analysis of Presence or Absence of a LIM-Kinase Gene
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Pred. No. 8.9e+02;
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Best Local Similarity 80.0
Northes 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 5632994
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 3, Application US/08410804 Patent No. 5632994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/259,514
FILING DATE: 14-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 1389
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENCTH: 77 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: 1in MOLECULE TYPE: HYPOTHETICAL: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 01
FILING DATE: 01-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/
                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Reed, John C.
APPLICANT: Sato, Takaski
TITLE OF INVENTION: FAS ASSOCIATED PROTEINS
NUMBER OF SEQUENCES: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 617-720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 01-SEP-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
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FILING DATE: 09-AUG-1996
FILING DATE: 09-AUG-1996
FILING DATE: US 08/115,573
                                                                                                                                                             APPLICATION NUMBER: US/01 FILING DATE: 27-MAR-1995
                                                                                                                                                                                                                                                                                                       COUNTRY: UI
                                                                                                                                                                                                                                                                                                                                           CITY: San Diego
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: LO461/7003
                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       27 AVIPO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 AVVPQ 5
                                                                                                                                                                                                                                                                                                                                                                          E: Cathryn Campbell
4370 La Jolla Village Drive. Ste 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    617-720-2441
                                                                                                                                                                                                                                                                                                                            United States
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                                                                                                                                                                                 US/08/410,804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 17:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 23;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1.4e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 77
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RESULT 13
US-08-259-514-3
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                                                                                                                                 밁
                                                              RESULT 14
US-08-858-311-3
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                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/259,514
FILING DATE: 14-JUN-1994
FILING DATE: 14-JUN-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 9954
TELEPHONE: (619) 535-9001
TELEPHONE: (619) 535-901
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
FENCHORY OF SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                          US-08-259-514-3
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 97 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 3, Application US/08259514 Patent No. 5747245
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Best Local Similarity 80.0%;
Matches 4; Conservative
                         Sequence 3, Application US/08858311
Patent No. 5876939
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Best Local Similarity
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GENERAL INFORMATION:
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MEDIUM TYPE: Floppy
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ADDRESSEE: Cathryn Campbell
STREET: 4370 La Jolla Village Drive. Ste 700
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APPLICANT: Sarto, Takaaki
TITLE OF INVENTION: FAS ASSOCIATED PROTEINS
NUMBER OF SEQUENCES: 22
                                                                                                                                                                                                                                                                                         LENGTH: 97 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
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STATE: California
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Pred. No. 1.8e+02
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Pred. No. 1.8e+02;
1; Mismatches (
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                                                              ORGANISM: Staphylococcus epidermidis US-09-134-001C-4308
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US-09-134-001C-4308
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                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Lynn Doucette-Stamm et al
APPLICANT: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC-007
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/064, 964
PRIOR FILING DATE: 1997-11-08
PRIOR FILING DATE: 1997-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/055,779
PRIOR FILING DATE: 1997-08-14
NUMBER OF SEQ ID NOS: 5674
SEQ ID NO 4308
                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4308, Application US/09134001C Patent No. 6380370
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Best Local
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/410,804
FILING DATE: 27-MAR-1995
APPLICATION NUMBER: US 08/259,514
FILING DATE: 14-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn
REGISTRATION NUMBER: 31,815
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 3:
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TITLE OF INVENTION: FAS ASSOCIATED PROTEINS
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
                                                                                                      LENGTH: 282
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: protein
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LENGTH: 97 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: P-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
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MEDIUM TYPE: Floppy
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
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les 4; Conserv
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4370 La Jolla Village Drive. Ste 700
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Takaaki
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80.0%;
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    Mismatches

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Pred. No.
    Score 23; DB 4;
Pred. No. 5.2e+02;
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                       Length 282;
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Search completed: April 16, 2003, 09:40:01 Job time: 9.69565 secs
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Result
No.
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Maximum
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Perfect score:
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Match
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2: /cgn2_6/ptodata/1/paa/US06_NEW_COMB.pep:*

3: /cgn2_6/ptodata/1/paa/US07_NEW_COMB.pep:*

4: /cgn2_6/ptodata/1/paa/US09_NEW_COMB.pep:*

5: /cgn2_6/ptodata/1/paa/US09_NEW_COMB.pep:*

6: /cgn2_6/ptodata/1/paa/US00_NEW_COMB.pep:*

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Maximum Match 100%
Listing first 45 summaries
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US-09-580-893D-46
US-09-580-893D-46
US-09-580-893D-46
US-09-580-110E-46
US-09-580-110E-46
US-09-580-116E-48
US-09-580-116E-48
US-09-580-156D-46
US-09-580-156D-46
US-09-580-156D-51
US-09-580-893C-54
US-09-580-893C-54
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US-09-580-110E-51
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US-09-580-116D-54
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US-60-453-135-10290
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	48, Appl	66068, A	65138, A	21934, A	96011, A	96011, A	4, Appli	4, Appli	17957, A	•	5110, Ap	5110, Ap	9139, Ap	9139, Ap	9139, Ap	43976, A	10289, A	10289, A	J8, APPI

ALIGNMENTS

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Query Match
Best Local Similarity
Matches 6; Conserve
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US-09-580-893C-46
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US-09-580-893C-44
; Sequence 44, Application US/09580893C
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: ACETYLATION US-09-580-893C-44
Sequence 46, Application US/09580893C
GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 46
LENGTH: 6
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APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT FAPLICATION NUMBER: US/09/580,893C
CURRENT FILLING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: MOD_RES
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1 GAVVPQ 6
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ilarity 100.0%; Pred. No. 6e-
Conservative 0; Mismatches
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RESULT 4
US-09-580-893D-44
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TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
3EQ ID NO 48
LENCTH.
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Best Local Similarity
Matches 6; Conserv
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CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 44
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                                                                                                                                                                                                                                                                                                                               Sequence 44, Application US/09580893D GENERAL INFORMATION:
                                                                                                                                                                                                                                            APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
OTHER INFORMATION: ACETYLATION 05-580-893D-44
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ORGANISM: Artificial Sequence
FEATURE:
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TYPE: PRI
ORGANISM: Artificial Sequence
PEATURE:
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NAME/KEY: MOD_RES
LOCATION: (6)
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                                                                               OTHER INFORMATION: Description of Artificial Sequence: Peptide
                                            NAME/KEY: MOD_RES
                                                                                                    FEATURE:
                                                                                                              DRGANISM: Artificial Sequence
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Pred. No. 6e+05;
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Pred. No.
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OTHER INFORMATION: Description of Artificial Sequence: Peptide FEATURE:

PEATURE:

NAME/KEY: MOD_RES

LOCATION: (6)

OTHER INFORMATION: AMIDATION

US-09-580-893D-48
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US-09-580-893D-48
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CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 46
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GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
                                                                                                                                                                                                                                           APPLICANT: SANDERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION UNMERR: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARES: PATENTIN VET: 2.1
SEQ ID NO 48
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Best Local :
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Pred. No.
                           Score 30; DB 5; Length 6; Pred. No. 6e+05; Mismatches 0; Indels
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SEQUENCE 44, Application US/09580110E
GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND USES OF TITLE OF INVENTION: ENHANCING AGENTS
FILE REFERENCE: 25812-13
CURRENT APPLICATION NUMBER: US/09/580,110E
CURRENT APPLICATION NUMBER: US/09/580,110E
CURRENT FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PATENTIN VETSION 3.1
SEQ ID NO 44
RESULT 9
US-09-580-110E-48
; Sequence 48, Application US/09580110E
; GENERAL INFORMATION:
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US-09-580-110E-44
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                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 46, Application US/09580110E
GENERAL INFORMATION:
APPLICANT: Mitte, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: ELASTIN PEPFIDE ANALOGS AND
TITLE OF INVENTION: ENHANCING AGENTS
FILE REFERENCE: 25812-13
                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn version 3.1
SEQ ID NO 46
LENGTH: 6
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                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/580,110E
                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial
FEATURE:
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LOCATION: (6)..(6)
OTHER INFORMATION:
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LOCATION: (1)..(1)
OTHER INFORMATION:
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                                                                                                                              US-09-580-156D-44
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                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn version 3.1
SEQ ID NO 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 44, Application US/09580156D GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/09/580,110E
CURRENT FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn version 3.1
SEQ ID NO 48
                                                              Matches
                                                                                            Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Lawrence, Sandberg B.
APPLICANT: Thomas, Mitts F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 25812-5CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND USES OF SAME IN COMBINATION WITH SKIN
TITLE OF INVENTION: ENHANCING AGENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Mitts,
APPLICANT: Sandbe
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ORGANISM: Artificial
FEATURE:
                                                                                                                                             OTHER INFORMATION:
                                                                                                                                                           NAME/KEY: MOD_RES
LOCATION: (1)..(1)
                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: peptide
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US-09-580-156D-46

Sequence 46, Application US/09580156D GENERAL INFORMATION:

APPLICANT: Lawrence, Sandberg B. APPLICANT: Thomas, Mitts F.

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                                                                                                                                                RESULT 13
                                                                                                                                                                                                                                                                                                                                                        US-09-580-156D-48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/US99/05496
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.1
SEQ ID NO 48
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LENGTH: 6
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                                                                                          Sequence 51, Application US/09580893C GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 09/039,308
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: PCT/US99/05496
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 54
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Thomas, Mitts F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND USES THEREOF FILE REFERENCE: 25812-SCIP
CURRENT APPLICATION NUMBER: US/09/580,156D
CURRENT FILING DATE: 2000-05-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn version 3.1
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PRIOR FILING DATE: 1998-03-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Lawrence, APPLICANT: Thomas, N
                                                     APPLICANT: SANDBERG, APPLICANT: MITTS, T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: peptide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial
APPLICANT: JIMENEZ JR, FELIPE
IITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REPERENCE: 00-144-US
                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
NAME/KEY: MOD_RES
LOCATION: (6)..(6)
OTHER INFORMATION: AMIDATION
                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description
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mes 6; Conserv
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mes 6; Conserv
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                                                                           LAWRENCE B
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Pred. No. 6e+05;
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                                                                                                                                                                          RESULT 15
US-09-580-893D-51
                                                                                                                                                                                                                                                                                                                                                                                 ; NAME/KEY: METAL; LOCATION: (1)..(8); COTHER INFORMATION: METAL IS COPPER; BINDING TO US-09-580-893C-54
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                                                                                                                                    Sequence 51, Application US/09580893D GENERAL INFORMATION:
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Best Local Similarity
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CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
                 APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/580,893C CURRENT FILING DATE: 2002-10-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: SANDBERG, LAWRE APPLICANT: MITTS, THOMAS APPLICANT: JIMENEZ JR, FE
CURRENT FILING DATE: 2002-10-08 NUMBER OF SEQ ID NOS: 75
                                                                                                       APPLICANT: SANDBERG, LAWRENCE B APPLICANT: MITTS, THOMAS F
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Peptide FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT ORGANISM: Artificial Sequence
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OTHER INFORMATION: Description of Artificial Sequence: Peptide
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/cgn2_6/ptodata/1/paa/USO6_COMB.pep:*
/cgn2_6/ptodata/1/paa/USO7_COMB.pep:*
12-6/ptodata/1/paa/US085_COMB.pep: *
m2-6/ptodata/1/paa/US086_COMB.pep: *
m2-6/ptodata/1/paa/US086_COMB.pep: *
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.
3000	Score
1000.0	Query
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1991	DB.
US-09-584-001-44 US-09-584-001-46 US-09-584-001-48 US-09-584-001C-44 US-09-584-001C-46 US-09-584-001C-48	ID
Sequence 44, Appl Sequence 46, Appl Sequence 44, Appl Sequence 44, Appl Sequence 46, Appl Sequence 46, Appl	Description

Query Match

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DB 19; Length 6;

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Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli	equence	e 58	equence 4150,	ο (4	9	'n	293	8607	23. App	2 5	שליב ליסיו	sequence /	equence 1054,	equence 1054,	equence 71, App	equence 426	equence 22	equence 22,	e 12487	3637	sequence 78480, A	53467,	78481,	53468,	7848	equence 18,	equence 18,	equence 54,	(D) Uni	equence 54.	emience 51

ALIGNMENTS

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US-09-584-001-44
; Sequence 44, Application US/09584001
; GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE
APPLICANT: SANDBERG, LAWRENCE
APPLICANT: MITTS, THOMAS F.
IITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME
FILE REFERENCE: 99494US
; CURRENT APPLICATION UNMBER: US/09/584,001
; CURRENT FILING DATE: 2000-05-30
; EARLIER FILING DATE: 1998-03-13
; EARLIER APPLICATION NUMBER: PCT/US99/05496
; EARLIER FILING DATE: 1998-03-13
; EARLIER APPLICATION NUMBER: PCT/US99/05496
; EARLIER FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PATENTIN PATENTIN Ver. 2.1
; SEQ ID NO 44
; LENGTH: 6
   TYPE: PRT
   ORGANISM: Artificial Sequence
   PEATURE:
COTHER INFORMATION: Description of Artificial Sequence: peptide
   FEATURE:
   OTHER INFORMATION: ACETYLATION
US-09-584-001-44
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RESULT 2
US-09-584-001-46
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; Sequence 48, Application US/09584001
; GENERAL INFORMATION:
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     Query Match
Best Local Similarity
Watches 6; Conserve
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GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE
APPLICANT: MITTS, THOMAS F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME
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Matches 6; Conserv
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Matches 6; Conserv
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LENGTH: 6
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                                                                                                                                                     PEATURE:
NAME/KEY: MOD_RES
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CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
EARLIER APPLICATION NUMBER: PCT/US99/05496
EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
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EQ ID NO 46.
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CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: SANDBERG, LAWRENCE
APPLICANT: MITTS, THOWAS F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 99494US
                                                                                                                                                                                                                                                                                                          EARLIER FILING DATE: 1998-03-13
EARLIER APPLICATION UMBER: PCT/US99/05496
EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 99494US
                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Ver. 2.1
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                          LOCATION: (6) TOTHER INFORMATION: AMIDATION
                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: peptide
                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
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                    . 100.0%; Score 30; llarity 100.0%; Pred. No. Conservative 0; Mismatch
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                      Mismatches
                                     4.2e+06;
                                                       DB 19; Length 6;
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US-09-584-001C-46
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                                                                        US-09-584-001C-48
                                                                                          RESULT 6
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 44
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NAME/KEY: MOD_RES
LOCATION: (6)
Sequence 48, Application US/09584001C
GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 46, Application US/09584001C
GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
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CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Blastin Peptide Analogs
                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 25812-11
CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs
                                                                                                                                                                                                                                                                                                                            LENGTH: 6
TYPE: PRT
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LOCATION: (1)
OTHER INFORMATION: ACETYLATION
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ORGANISM: mammalian
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Pred. No. 4.2e+06;
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Pred. No. 4.2e+06;
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Gaps

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; TYPE: PRT
; ORGANISM: mammalian
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (6)
; OTHER INFORMATION: AMIDATION
US-09-584-001C-48
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US-09-584-001-54
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME FILE REFERENCE: 99494US
CURRENT APPLICATION NUMBER: US/09/584,001
CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
EARLIER APPLICATION NUMBER: PCT/US99/05496
EARLIER FILING DATE: 1998-03-12
SEQID NOS: 75
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 51
LENGTH: 8
LENGTH: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 51, Application US/09584001
GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE
APPLICANT: MITTS, THOMAS F.
                                                                                                                                       Sequence 54, Application US/09584001 GENERAL INFORMATION:
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APPLICANT: SANDBERG, LAWRENCE
APPLICANT: MITTS, THOMAS F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME
FILE REFERENCE: 99494US
CURRENT APPLICATION NUMBER: US/09/584,001
CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
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CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: DISULFID LOCATION: (1)..(8) OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: peptide FEATURE:
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100.0%; Pred. No.
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. 4.2e+06;
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Query Match
Best Local Similarity
Watches 6; Conserv:
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; NAME/KEY: METAL ; LOCATION: (1)..(8) ; OTHER INFORMATION: METAL IS COPPER; BINDING TO LOCATION 1 AND : US-09-584-001-54
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                                               ; ORGANISM: mammalian
US-09-584-001C-54
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 51, Application US/09584001C GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs
FILE REFERENCE: 25812-11
                                                                               CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 54
LENCTH: 8
TYPE: PRT
                                                                                                                                                                                                                                                                       Sequence 54, Application US/09584001C GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 51
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity
Matches 6; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EARLIER FILING DATE: 1998-03-13
EARLIER APPLICATION NUMBER: PCT/US99/05496
EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                           APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs and Methods
                                                                                                                                                                                                                                                                                                      09-584-001C-54
                                                                                                                                                                                                      FILE REFERENCE: 25812-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 8
TYPE: PRT
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ORGANISM: Artificial Sequence
FEATURE:
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Score 30;
Pred. No.
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Pred. No. 4.2e+06;
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               DB 19;
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                                        US-09-709-954-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/709,947
CURRENT FILING DATE: 2000-11-10
PRIOR APPLICATION NUMBER: US 60/165,173
PRIOR FILING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: US 60/172,170
PRIOR FILING DATE: 1999-12-17
PRIOR FILING DATE: 1999-12-17
PRIOR APPLICATION NUMBER: US 60/178,860
                                                                                                                                 SOFTWARE: P
SEQ ID NO 18
LENGTH: 24
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GENERAL INFORMATI
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Agery Match
                                                                                                                                                                                                                PRIOR FILING DATE: 1999-12-1,
PRIOR PRIOR EDITION NUMBER: US 60/178,860
PRIOR FILING DATE: 2000-01-27
PRIOR FILING DATE: US 60/201,721
                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: MTP-026
CURRENT APPLICATION NUMBER: US/09/709,954
CURRENT FILING DATE: 2000-11-10
PRIOR APPLICATION NUMBER: US 60/165,173
PRIOR FILING DATE: 1999-11-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Materials and Methods for Detection and Treatment of TITLE OF INVENTION: Breast Cancer
                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Methods
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                                                                                                                                                                                     NUMBER OF SEQ ID NOS:
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TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
                                                                                            ORGANISM: Artificial Sequence
                                                                               FEATURE:
                                                        OTHER INFORMATION: Description of Artificial Sequence:tryptic peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ID NO 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                               Watkins, Brynmor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Application US/09709954
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                                                                                                                                                                                                                                                                                                                                                                                                                             Methods and Compositions for Identifying Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%;
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Pred. No. 2
 Score 30;
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                                                        ; LUCATION: 1..235
; OTHER INFORMATION: Ceres Seq.
US-09-708-427-53488
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US-09-708-427-78482
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; Sequence 53468, Application US/09708427
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-209-708-427-78482
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: N. ALEXANDROV et al.
TITLE OF INVENTION: SEQUENCE-DETERMINED DNA FRAGMENTS.
TITLE OF INVENTION: THEREBY
FILE REFERENCE: 2750-1243P
CURRENT APPLICATION NUMBER: US/09/708,427
CURRENT FILING DATE: 2000-11-09
NUMBER OF SEQ ID NOS: 85364
SOPTWARE: Patentin version 3.1
SEQ ID NO 78482
LENGTH: 233
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                                                                                                                                                                                                                           CURRENT FILING DATE: 2000-11-1
NUMBER OF SEQ ID NOS: 85364
SOFTWARE: PatentIn version 3.1
SEQ ID NO 53468
TLENGTH: 235
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LOCATION: 1..233
COTHER INFORMATION: Xaa is :
NAME/KEY: misc feature
LOCATION: 1..233
OTHER INFORMATION: Ceres S.
   Matches
                              Query Match
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APPLICANT: N. ALEXANDROV et al.
TITLE OF INVENTION: SEQUENCE DETERMINED DNA FRAGMENTS AND CORRESPONDING POLYPEPTIDES
TITLE OF INVENTION: THEREBY
FILE REFERENCE: 2750-1243P
CURRENT APPLICATION NUMBER: US/09/708,427
CURRENT FILING_DATE: 2000-11-09
                                                                                            NAME/KEY: misc_feature
LOCATION: 1.235
OTHER INFORMATION: Xaa i
NAME/KEY: misc_feature
LOCATION: 1.235
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Local Similarity
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Pred. No.
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                                                                                  ID 1931311
               Score 30; DB 21;
Pred. No. 3.9e+02;
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   Mismatches
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                              Length 235;
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RESULT 15
US-09-708-427-78481
Sequence 79841, Application US/09708427
GENERAL INFORMATION:
APPLICANT: N. ALEXANDROV et al.
TITLE OF INVENTION: SEQUENCE DETERMINED DNA FRAGMENTS AND CORRESPONDING POLYPEPTIDES
FILE REFERENCE: 2750-1243 p
CURRENT APPLICATION NUMBER: US/09/708,427
CURRENT FILING DATE: 2000-11-09
NUMBER OF SEQ ID NOS: 8554
SOFTWARE: Patentin version 3.1
SEQ ID NO 78481
LENGTH: 240
TYPE: PRT
ORGANISM: Zea mays subsp. mays
FEATURE:
NAME/KEY: misc feature
LOCATION: 1.240
OTHER INFORMATION: Xaa is any amino acid
NAME/KEY: misc feature
LOCATION: 1.240
OTHER INFORMATION: Ceres Seq. ID 1962953
US-09-708-427-78481
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Search completed: April 16, 2003, 09:49:12 Job time : 143.391 secs
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92 GAVVPQ 97
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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Published Applications AA:*

1: /cgn2 6/ptodata/1/pubpaa/US08 NEW PUB.pep:*

2: /cgn2-6/ptodata/1/pubpaa/US06 NEW PUB.pep:*

3: /cgn2-6/ptodata/1/pubpaa/US06 NEW PUB.pep:*

4: /cgn2-6/ptodata/1/pubpaa/US07 NEW PUB.pep:*

5: /cgn2-6/ptodata/1/pubpaa/US07 PUBCOMB.pep:*

6: /cgn2-6/ptodata/1/pubpaa/US07 PUBCOMB.pep:*

6: /cgn2-6/ptodata/1/pubpaa/US07 PUBCOMB.pep:*

7: /cgn2-6/ptodata/1/pubpaa/US09 PUBCOMB.pep:*

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11: /cgn2-6/ptodata/1/pubpaa/US10 PUBCOMB.pep:*

12: /cgn2-6/ptodata/1/pubpaa/US10 PUBCOMB.pep:*

13: /cgn2-6/ptodata/1/pubpaa/US10 PUBCOMB.pep:*

14: /cgn2-6/ptodata/1/pubpaa/US10 PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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Result No.	Score	Query Match	Query Match Length	DB	ID	Description
1	30	100.0	2076	<u>۔</u> :	US-09-815-242-5815	Sequence 5815, Ap
N	30	100.0	2186	10	US-09-815-242-12913	Sequence 12913. A
ω	29	96.7	491	10	US-09-997-900-2	Sequence 2. Appli
4	28	93.3	1066	ø	US-09-423-126-3	Sequence 3. Appli
Ç	28	93.3	1066	10	US-09-280-197-5	
σ	28	93.3	1070	ø	US-09-423-126-4	٠.
7	28	93.3	1070	10	US-09-280-197-6	
8	27	90.0	343	10	US-09-864-761-43664	
9	26	86.7	307	9	US-10-224-413-5	Sequence 5, Appli
10	26	86.7	360	9	US-10-224-413-4	4
11	26	86.7	527	9	US-09-712-363-156	156
12	26	86.7	651	9	US-10-186-399-2	2, Ar
13	26	86.7	661	φ	US-10-160-865-14	14
14	26	86.7	745	9	US-09-844-988-10	10,
15	26	86.7	745	10	US-09-796-872-2	e 2
16	26	86.7	745	10	US-09-844-908-10	Sequence 10, Appl
17	26	86.7	793	ø	US-09-990-046-16	٠.
18	26	86.7	793	ø	US-09-990-046-17	17.
19	26	86.7	803	9	US-09-990-046-15	Sequence 15, Appl

45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	. 28	27	26	25	24	23	22	21	20
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	26	26
83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	86.7	86.7
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US-10-005-306-17	US-10-005-306-16	US-10-005-306-15	US-10-005-306-14	US-10-005-306-13	US-10-005-306-12	US-10-005-306-11	US-10-005-306-10	US-10-005-306-9	US-10-005-306-8	US-10-005-306-7	US-10-005-306-6	US-10-005-306-5	US-10-005-306-4	US-10-005-306-3	US-10-005-306-2	US-10-005-306-1	US-09-815-242-5146	US-10-078-770-32	US-09-925-299-1019	US-09-925-299-1019	US-09-983-802-275	US-09-864-761-34467	US-09-864-761-38673	US-10-175-158-2	US-09-833-790-366
Sequence 17, Appl	Sequence 16, Appl	•	Sequence 14, Appl	-	•	Sequence 11, Appl	Sequence 10, Appl	Sequence 9, Appli	Sequence 8, Appli		Sequence 6, Appli	Sequence 5, Appli	4	Sequence 3, Appli	Sequence 2, Appli	Sequence 1, Appli	Sequence 5146, Ap	Sequence 32, Appl	Sequence 1019, Ap	Sequence 1019, Ap	Sequence 275, App	Sequence 34467, A	Sequence 38673, A	Sequence 2, Appli	Sequence 366, App

ALIGNMENTS

```
APPLICANT: Carr, Grant J.
APPLICANT: Yamamoto, Robert T.
TITLE OF INVENTION: Identification of Essential Genes in TITLE OF INVENTION: Prokaryotes
FILE REFERENCE: ELITRA, 011A
CURRENT APPLICATION NUMBER: US/09/815,242
CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/201,078
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2000-12-22
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US-09-815-242-5815
                                                                                                    ; ORGANISM: Staphylococcus aureus US-09-815-242-5815
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Haselbeck, Robert

**APPLICANT: Ohlsen, Kari L.

APPLICANT: Zyskind, Judith W.

APPLICANT: Wall, Daniel

APPLICANT: Trawick, John D.
                                                                                                                                                       NUMBER OF SEQ ID NOS: 14110
SOPTWARE: FRANKSEQ for Windows Version 4.0
SEQ ID NO 5815
LENGTH: 2076
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 5815, Application US/09815242 Patent No. US20020061569A1 GENERAL INFORMATION:
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/269,308 PRIOR FILING DATE: 2001-02-16
         100.0%;
         Score 30;
Pred. No.
                                  Length 2076;
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; DB 10; . 2.7e+02;

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RESULT 2
US-09-815-242-12913
, Sequence 12913, Application
, Sequence 12913, Application
, Sequence 12913, Application
                                                                                                                                                                                                                                                          US-09-997-900-2; Sequence 2, Application US/09997900; Patent No. US20020053098A1
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Best Local Similarity
"hes 6; Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Staphylococcus aureus US-09-815-242-12913
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SEQ ID NO 12913
LENGTH: 2186
                                                                                                                                                                                                                                           GENERAL INFORMATION:
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APPLICANT: Sun, Ming
APPLICANT: Hu, Weiming
TITLE OF INVENTION: Genes and Vectors for Conferring Herbicide Resistance
TITLE OF INVENTION: in Plants
FILE REFERENCE: 043753/241148 (5849-20A)
CURRENT APPLICATION NUMBER: US/09/97,900
CURRENT FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: 60/106,239
PRIOR FILING DATE: 1998-10-29
PRIOR FILING DATE: 1998-10-29
                                                                                                                                                             APPLICANT: Kakefuda, Genichi
APPLICANT: Costello, Colleen
APPLICANT: Sun, Ming
APPLICANT: Hu, Weiming
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 14110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR APPLICATION NUMBER: 60/191,078
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APPLICANT:
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PRIOR FILING DATE: 2000-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/815,242
CURRENT FILING DATE: 2001-03-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Identification of Essential Genes
TITLE OF INVENTION: Prokaryotes
FILE REFERENCE: ELITRA.011A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                       803 GÁVÝPO 808
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/253,625
FILING DATE: 2000-11-27
APPLICATION NUMBER: 60/257,931
FILING DATE: 2000-12-22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/207,727
FILING DATE: 2000-05-26
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Zyskind, Judith W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 30; DB 10; illarity 100.0%; Pred. No. 2.8e+02; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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TITLE OF INVENTION: A PROCESS OF PREPARING AN
FILE REFERENCE: 674509-2020
CURRENT APPLICATION NUMBER: US/09/423,126
CURRENT FILING DATE: 1999-11-05
PRIOR APPLICATION NUMBER: PCT/IB98/00708
PRIOR APPLICATION NUMBER: GB 9709161.5
PRIOR APPLICATION NUMBER: GB 9709161.5
PRIOR FILING DATE: 1997-05-06
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                                                                                                                                                                                                                                                                                              Sequence 5, Application US/09280197 Patent No. US20020142403A1
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 3, Application US/09423126 Patent No. US20020170083A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: fungus sp. or fungus infected gracilariopsis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Unknown FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 491
TYPE: PRT
                                                                                            APPLICANT: Marcussen, Jan
APPLICANT: Marcussen, Tove
APPLICANT: Christensen, Tove
TITLE OF INVENTION: USE OF '-1,4-GLUCAN LYASE FOR PREPARATION OF
TITLE OF INVENTION: 1,5-D-ANHYDROFRUCTOSE
NUMBER OF SEQUENCES: 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH:
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                                        STREET: 620 Newport CITY: Newport Beach
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity tes 4; Conserv
COUNTRY: U
ZIP: 92660
                                                                                ADDRESSEE:
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                                                           B: Knobbe, Martens, Olson & Bear
620 Newport Center Drive 16th Floor
               U.S.A.
                                                                                                                                                                                             Bojko, Maja
Nielsen, John
                                                                                                                                                                                                                                             Bojsen,
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                                                                                                                                                                                                                               Karsten
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83.3%;
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 29;
Pred. No.
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SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

(EPO)

APPLICATION NUMBER:

MEDIUM TYPE: Diskett

: Diskette IBM Compatible

OPERATING SYSTEM:

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Best Local Similarity 65...
"---hes 4; Conservative
                                                                                                                                                                                               SEQ ID NO 4
LENGTH: 1070
TYPE: PRT
                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4, Application US/09423126
Patent No. US20020170083A1
GENERAL INFORMATION:
                                                                 Matches
                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/423,126
CURRENT FILING DATE: 1999-11-05
PRIOR APPLICATION NUMBER: PCT/IB98/00708
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: GB 9709161.5
                                                                                                                                                                                                                                          PRIOR FILING DATE: 1997-05-06
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Buchter-Larsen, et al.
TITLE OF INVENTION: A PROCESS OF PREPARING
                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 674509-2020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                       OTHER INFORMATION: fungus sp. or fungus infected gracilariopsis
                                                                                                                                                                                ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 08/633,719
FILING DATE: July 8, 1996
APPLICATION NUMBER: PCT/EP94/03397
FILING DATE: OCT-15-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: DYC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
 879
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 880 GAIIPQ 885
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TELEFAX: 714-760-9502
                              1 GAVVPQ 6
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GAIIPQ 884
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                                                               Conservative
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                                                             Score 28; DB
Pred. No. 3.7e
2; Mismatches
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Pred. No. 3.7e+02;
2; Mismatches 0
                                                                             DB 9;
3.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                               AN ANTI-OXIDANT
                                                                                            Length 1070;
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                                                             Indels
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RESULT 7

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Query Match
Best Local Similarity
Tatches 4; Conserv
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                                                                                                                                                                    Sequence 43664, Application US/09864761 Patent No. US20020048763A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 6,
Patent No. 1
                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:

PRIOR APPLICATION NUMBER: 08/633,719

FILING DATE: JULY 8, 1996

APPLICATION NUMBER: PCT/EP94/03397

FILING DATE: OCT-15-1994

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel B

REGISTRATION NUMBER: 34,115

REFERENCE/DOCKET NUMBER: DYOU5.001APO

TELECOMMUNICATION INFORMATION:

TELEPHONE: 714-760-0404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Yu, Sh
APPLICANT: Bojsen
                                                                     APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
                                                                                                                                                                                                      09-864-761-43664
                                   TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 1070 amino aci
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Rel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Christensen, Tove
TITLE OF INVENTION: USE OF '-1,4-GLUCAN LYASE FOR PREPARATION OF
TITLE OF INVENTION: 1,5-D-ANHYDROFRUCTOSE
                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                 879 GAIIPQ 884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: ami TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Newport Beach
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX:
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                                                                                                                                                                                                                                                                                                                      1 GAVVPQ 6
APPLICATION NUMBER: US/09/864,761
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GY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1070 amino acids
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                                                                                                                                                                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Bojko, Maja
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       IBM Compatible SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Shukun
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                                                                                                                                                                                                                                                                                                                                                                            93.3%;
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3.7e+02;
hes 0; Indels
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CURRENT FILING DATE:

2001-05-23

APPLICATION NUMBER: US 60/207,456 FILING DATE: 2000-05-26 APPLICATION NUMBER: US 60/180,312

2000-02-04

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                                                                                                                                                                                                  RESULT 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 43664
                                                  Sequence 5, Application US/10224413
Publication No. US20030013167A1
GENERAL INFORMATION:
APPLICANT: YE, Jane et al.
TITLE OF INVENTION: ISOLATED HUMAN
                                                                                                                                                                                                                                                                                                                                                             Matches
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PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: MAP TO AC005104.1

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.88

OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.88

OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.1

OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.1

OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1

OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.2

OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.2
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 343
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OR APPLICATION NUMBER: PCT/USO1/00667
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00664
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00669
OR FILING DATE: 2001-01-30
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00668
OR APPLICATION NUMBER: PCT/USO1/00668
                                                                                                                                                                                                                                                                   183 GSVVPQ 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OR APPLICATION NUMBER: PCT/US01/00661
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00670
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: US 60/234,687
OR APPLICATION NUMBER: US 09/608,408
OR APPLICATION NUMBER: US 09/608,408
OR APPLICATION NUMBER: US 09/608,408
OR FILING DATE: 2000-06-30
OR FILING DATE: 2000-06-30
                                                                                                                                                                                                                                                                                                                                                        Local Similarity es 5; Conserv
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APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 60/236,359 FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          EST_HUMAN
SWISSPROT
                             ISOLATED HUMAN ENZYME PROTEINS, ACID MOLECULES ENCODING HUMAN !
                                                                                                                                                                                                                                                                                                                                                                                   90.0%;
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Pred. No. 1.8e+02;
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LUE 5.20e+00
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                               , NUCLEIC ENZYME PROTEINS, AND
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Query Match
Best Local Similarity
Watches 4; Conserve
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Publication No. US20030013167A1

GENERAL INFORMATION:
APPLICANT: YE, Jane et al.

TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN ENZYME PROTEINS, AND

TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN ENZYME PROTEINS, AND

TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ for
SEQ ID NO 5
                                                                                                                                                                                                                                                             Sequence 156, Application US/09712363
Patent No. US20020164588A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/224,413
CURRENT FILING DATE: 2002-08-21
PRIOR APPLICATION NUMBER: 09/810,347
PRIOR FILING DATE: 2001-03-19
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/224,413
CURRENT FILING DATE: 2002-08-21
PRIOR APPLICATION NUMBER: 09/810,347
PRIOR FILING DATE: 2001-03-19
                                 CURRENT APPLICATION NUMBER: US/09/712,363
CURRENT FILING DATE: 2000-11-13
PRIOR APPLICATION NUMBER: PCT/US00/02246
PRIOR FILING DATE: 2000-01-28
PRIOR APPLICATION NUMBER: 60/179,531
PRIOR FILING DATE: 2000-02-01
PRIOR FILING DATE: 2000-02-01
                                                                                                                                                   TITLE OF INVENTION: DETERMINING THE FUNCTIONS TITLE OF INVENTION: INTERACTIONS OF PROTEINS FILE REFERENCE: 07419-032001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: CL001169
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                                                                                                                                                                                                        APPLICANT: Eisenberg, David
APPLICANT: Rotstein, Sergio H.
APPLICANT: Marcotte, Edward M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Human
PRIOR APPLICATION NUMBER: 60/117,844
PRIOR FILING DATE: 1999-01-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                   352 GSIVPQ 357
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66.7%;
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2; Mismatches
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Pred. No. 3.3e+02;
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                                                                                                                                                                       AND
BY
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                                                                                                                                                                         COMPARATIVE
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FILING DATE: 1999-02-01 APPLICATION NUMBER: 60/ FILING DATE: 1999-03-26

60/126,593

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; SEQ ID NO 2
; LENGTH: 651
; TYPE; PRT
; ORGANISM: Mus musculus
US-10-186-399-2
                                                                                                                                                                            RESULT 13
US-10-160-865-14
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PRIOR FILLING DATE: 1999-05-14
PRIOR PELICATION NUMBER: 60/134,092
PRIOR PELLING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 60/165,124
PRIOR APPLICATION NUMBER: 60/165,086
PRIOR APPLICATION NUMBER: 60/165,086
PRIOR FILLING DATE: 1999-11-12
PRIOR FILLING DATE: 1999-11-12
                Sequence 14, Application US/10160865
Patent No. US20020193139A1
GENERAL INFORMATION:
APPLICANT: Lee, Mu-En
APPLICANT: Hsieh, Chung-Ming
TITLE OF INVENTION: SINGLE GENE ENCODING AORTIC-SPECIFIC AND STRIATED-SPECIFIC
TITLE OF INVENTION: MUSCLE CELL ISOFORMS AND USES THEREOF
FILE REFERENCE: 05433/038001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2, Application US/10186399
Patent No. US20020173481A1
                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 66.7%;
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Arighi, Elena
APPLICANT: Vastrik, Imre
APPLICANT: Tamagnone, Luca
APPLICANT: Alitalo, Kari
TITLE OF INVENTION: REGULATION OF VASCULAR ENDOTHELIUM USING BMX TYROSINE
TITLE OF INVENTION: KINASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 28113/31941A
CURRENT APPLICATION NUMBER: US/10/186,399
CURRENT FILING DATE: 2002-07-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 08/320,432
PRIOR FILING DATE: 1994-10-07
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin Ver. 2.0
CURRENT APPLICATION NUMBER: US/10/160,865
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Ekman,
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188 GAILPQ 193
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29 GSIVPQ 34
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66.7%;
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Pred. No.
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Pred. No. 6.2e+02;
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4.9e+02;
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Best Local Similarity 83...
""" Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 10, Application U Patent No. US20020158764A1 GENERAL INFORMATION:
 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT FILING DATE: 2002-06-03
PRIOR APPLICATION NUMBER: US/09/134,250
PRIOR FILING DATE: 1998-08-14
PRIOR APPLICATION NUMBER: US 08/795,868
PRIOR FILING DATE: 1997-02-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 08/494,577 PRIOR FILING DATE: 1995-06-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                               INFORMATION FOR SEQ ID NO: 10: SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: 08/910,820

FILING DATE: 1997-08-13

ATTORNEY/AGENT INFORMATION:

NAME: MAKL, DAVID J.

REGISTRATION NUMBER: 31,392

REFERENCE/DOCKET NUMBER: 860098.413C1
                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEPAX: (206) 682-6031
                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/844,988
FILING DATE: 26-Apr-2001
CLASSIFICATION: CUnknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 25 CORRESPONDENCE ADDRESS:
                                                      SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: STIMULUS-INDUCIBLE PROTEIN KINASE COMPLEX AND METHODS OF USE THEREFOR
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
                                                                         STRANDEDNESS: <Unknown>
TOPOLOGY: linear
                                                                                                                TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Seattle
                                                                                                                          LENGTH: 745 amino acids
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 86.7%;
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 Score 26;
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Pred. No. 6.3e+02;
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DB 9;
Length 745;
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APPLICANT: Karin, Michael
APPLICANT: Mainto, Joseph A.
APPLICANT: Hayakawa, Makio
APPLICANT: Hayakawa, Makio
APPLICANT: Zandi, Ebrahim
TITLE OF INVENTION: I& Kinase, Subunits Thereof, and Methods of Using Same
FILE REFERENCE: P-UD 3295
CURRENT APPLICATION NUMBER: US/09/796,872
CURRENT FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: 09/168,629
PRIOR APPLICATION NUMBER: 09/168,629
PRIOR APPLICATION NUMBER: 00/061,470
PRIOR APPLICATION NUMBER: 60/061,470
PRIOR FILING DATE: 1999-10-09
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 745
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 15
US-09-796-872-2
; Sequence 2, Application US/09796872
; Patent No. US20020045235A1
; GENERAL INFORMATION:
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                                                                                                                                                                            Query Match 86.7%; Score 26; DB 10; Length 745; Best Local Similarity 83.3%; Pred. No. 7.1e+02; Matches 5; Conservative 0; Mismatches 1; Indels
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Maximum DB seq length: 2000000000
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Perfect score:
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Maximum Match 100%
Listing first 45 summaries
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1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*
                                                  GAVVPQ 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length
         GenCore version 5.1.4 p5 4578 (c) 1993 - 2003 Compugen Ltd.
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                                                                   US-08-911-364-1
US-08-464-700-2
US-08-464-700-2
US-08-426-568A-2
US-08-633-770A-1
US-08-633-770A-1
US-08-633-770A-2
US-08-455-543A-40
US-08-149-097D-32
US-08-149-097D-32
US-08-311-363-19
US-08-751-305-16
546668-12
US-08-23-305C-42
US-08-341-843B-38
US-08-245-543A-29
US-08-791-924-3
US-08-791-924-3
US-08-791-924-3
US-08-791-924-3
US-08-798-603-19
                         -08-723-415B-4
-09-189-627A-4
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e 18, Appl
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e 19, Appl
                         Matches
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RESULT 1
US-08-911-364-1
                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/911,364
FILING DATE: 07-AUG-1997
CLASSIFICATION 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/023,552
FILING DATE: 07-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Bent, Stephen A.
REGISTRATION NUMBER: 29,768
REGISTRATION NUMBER: 04.1082/0104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application Patent No. 5969106
            Query Match
Best Local S
                                                                                                                              TELEFAX: (202) 672-5399 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: KEELY, Fred W.
APPLICANT: ROTHSTEIN, Steven J.
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN
TITLE OF INVENTION: ELASTIN AND OTHER FIBROUS PROTEINS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                             ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                          MOLECULE TYPE:
                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 731 amino acids
                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (202) 672-5300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
Local Similarity hes 6; Conserv
                                                                     STRANDEDNESS:
TOPOLOGY: 1i
                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 3000 K St
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: FOLEY & LARDNER STREET: 3000 K Street, N.W.
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US-09-710-861-6
US-09-710-861-6
US-09-710-861-8
US-08-723-415B-8
US-09-710-861-8
US-08-506-296B-67
US-08-723-415B-2
US-09-710-861-2
US-09-710-861-2
US-09-710-861-2
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US-09-710-861-2
US-08-725-868-14
US-08-795-868-14
US-09-730-069-14
US-09-134-250-14
US-09-134-250-14
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US-09-134-250-14
US-09-134-250-14
            Score 30;
Pred. No.
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                       DB 2;
                     Length 731;
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Conservative

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Mismatches

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GAVVPQ 6

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US-08-678-039A-40
                                                                                                                                                               RESULT 3
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                                                                                                                                                                                                                                                                                                                                                         ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-464-700-2
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                                                                                      Sequence 40, Application US/08678039A Patent No. 5858662 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                 Best Local
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                                                                                                                                                                                                                                                                                                         Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 215-540-5818 INFORMATION FOR SEQ ID NO:
 APPLICANT: Keating,
APPLICANT: MOTTIS,
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: WELSS, APPLICANT: WELSS, APPLICANT: MARTIN, STEPHEN L
APPLICANT: MARTIN, SYNTHETIC POLYNUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: AU PL9661
FILING DATE: 28-JUN-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PL6520
FILING DATE: 22-DEC-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIDIM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 215-540-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/AU93/00655
FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Rel
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                                                                                                                                                                                                                 102 GAVVPQ 107
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REFERENCE/DOCKET NUMBER: GH
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CLASSIFICATION:
                                                                                                                                                                                                                                                  1 GAVVPQ 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Bak, Mary E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION:
                                                                                                                                                                                                                                                                                     Similarity 100 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                       T: 733 amino acids amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/08464700
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Spring House Corporate Cntr, PO Box 457
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
                                                                       Keating,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               7-JUN-1995
                                                     Colleen A.
                                                                                                                                                                                                                                                                                                  100.0%; Score 30; DB 4; Length 733; 100.0%; Pred. No. 1e+02;
Diagnosis of Williams Syndrome and Williams Syndrome Cognitive Profile by Analysis of the Presence or Absence of a LIM-Kinase Gene
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CURRENT APPLICATION NUMBER: US/09/426,568A; CURRENT FILING DATE: 1999-10-22; PRIOR APPLICATION NUMBER: 60/106,239; PRIOR FILING DATE: 1998-10-29; PRIOR FILING DATE: 1998-10-29; NUMBER OF SEQ ID NOS: 11

SOPTWAARE: Patent To SEQ ID NOS: 11
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Best Local Similarity
Watches 6; Conserve
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                                                                                                           US-09-426-568A-2
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                                      Best Loc
Matches
                                                                                                                                                                                                                                                                                                   APPLICANT: Sun, Ming
APPLICANT: Hu, Weiming
TITLE OF INVENTION: Gene
TITLE OF INVENTION: in E
FILE REFERENCE: 008103/1
                                                                                                                                                                           SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/09426568A Patent No. 6348643
                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Kakefuda, APPLICANT: Costello,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO:
                                                                                                                         ORGANISM: Arabidopsis sp
                                                                                                                                                          ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PATENT PC-DOS/MS-DOS
SOFTMARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: US/08/678,039A
FILING DATE: 10-UUL-1996
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 792 amino acids
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REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
STREET: 555 Thirteenth Street, N.W., Suite 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 126 GÁVVPQ 131
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STREET: Tower
CITY: Washington
STATE: DC
                                      Local Similarity hes 5; Conserv
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   1 GAVVPQ 6
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                                        Conservative
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Colleen
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                                      1; Mismatches
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                                                    Score 29; DB 4;
Pred. No. 1.1e+02;
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Pred. No. 1.1e+02;
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                                                                     Length 491;
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                                                                                                                                                     Sequence 2, Application US/08633770A Patent No. 5908760 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                        -08-633-770A-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/EP94/03398
FILING DATE: OCT-15-1994
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: DYOU6.001AP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
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OPERATING SYSTEM: DOS
SOFTWARE: PatentIn Relea
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/C
FILING DATE: July 8, 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                    APPLICANT:
APPLICANT:
TITLE OF INVENTION: ALPHA-1, TITLE OF INVENTION: PURIFICATION GENE OF STORMCES: 12
                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RPHICANT: PALSE., Tove
APPLICANT: Christensen, Tove
APPLICANT: Marcussen, Jan
TITLE OF INVENTION: ALPHA-1,4-GLUCAN LYASE FROM A FUNGUS, ITS
TITLE OF INVENTION: PURIFICATION GENE CLONING AND EXPRESSION IN MICROORGANISMS
TITLE OF REQUENCES: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: July 8, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                             880 GAIIPO 885
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Knobbe, Martens, Olson & Bear STREET: 620 Newport Center Drive 16th Floor CITY: Newport Beach
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                                                                                                                                                                                                                                                                                                                                                4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   amino acid
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                                                            Kragh, Karsten
Christensen, To
Marcussen, Jan
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                                                                                                                  Shukun
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                     ALPHA-1,4-GLUCAN LYASE FROM A FUNGUS, ITS PURIFICATION GENE CLONING AND EXPRESSION IN MICROORGANISMS
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Pred. No. 3.9e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Harpol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/745,206A
FILING DATE: 19910815
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: DYOU6.001APC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PILING DATE: OCT-15-1994
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
                                                                                                                                                                                                                                                                                                                                    APPLICANT: Feldman, Daniel
TITLE OF INVENTION: Human Calcium Channel Compositions and
TITLE OF INVENTION: Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 1070 amino aci
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO) CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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                                                                                                                                                                                                                                                       ADDRESSEE: Fitch, Even, STREET: 135 S. LaSalle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity 66.
les 4; Conservative
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OPERATING SYSTEM:
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                                                                                                                                                                                                                                           CITY: Chicago
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TELEFAX: 714-760-9502
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GY: linear
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Ellis, Steven
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Pred. No. 3.9e+02;
2; Mismatches 0
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Matches 5; Conserv
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                                                                                                                                                                                                      APPLICATION NUMBER: 07/868,354
FILING DATE: April 10, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/745,206
FILING DATE: 15-AUG-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/620,250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Feder, Scott B
REFERENCE/DOCKET NUMBER: 51:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-372-7842
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: McCue, Ann
APPLICANT: Brenner, Robert
TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
TITLE OF INVENTION: METHODS
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455
FILING DATE: May 31, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein
                                                                  FILING DATE: 04-APR-1989 PRIOR APPLICATION DATA:
                                                                                                                   APPLICATION NUMBER: US 0: FILING DATE: 20-FEB-1990 PRIOR APPLICATION DATA:
                                                                                                                                                                     FILING DATE: 30-NOV-1990 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                 FILING DATE: April 4, 1994 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      467 GSVVPQ 472
                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/223,305
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OPERATING SYSTEM:
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                                                   APPLICATION NUMBER:
                                                                                                   APPLICATION NUMBER: US 07/603,751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                No.
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1660 Union Street
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Feldman, Daniel
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                E: 04-APR-1989
ATION DATA:
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                                                                                                                                                      US 07/482,384
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                                                   WO PCT/US89/01408
US 07/176,899
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Pred. No. 2.9e+0;
1; Mismatches
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                                                                                                                                            COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FRASTSEQ Version 1.5
SOFTWARE: FRASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/223,305C
FILING DATE: APPLI 4, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/868,354
FILING DATE: APPLI 10, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/745,206
APPLICATION NUMBER: US 07/745,206
FILING DATE: 15-AUG-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/620,250
FILING DATE: 30-NOV-1990
FILING DATE: 30-NOV-1990
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 478 amino acid
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MEDIUM TYPE: Diskette
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                                                                     FILING DATE: 30-NOV-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/482,384
FILING DATE: 20-FEB-1990
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
              APPLICATION NUMBER: US 07/603,751
FILING DATE: 04-APR-1989
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Brenner, Robert TITLE OF INVENTION: HUMAN C
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REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-52517
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APPLICATION NUMBER:
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Feldman, Daniel
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83.3%; Pred. No.
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WO PCT/US89/01408
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MOLECULE TYPE:
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              tent No.
                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: US/08/149,097D
FILING DATE: 05-NOV-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UMBER: 08/105,536
FILING DATE: 11-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 478 amino acid
                            APPLICATION NUMBER: US 07 FILING DATE: 13-JUL-1992 PRIOR APPLICATION DATA:
                                                                             APPLICATION NUMBER: V
FILING DATE: 14-AUG-1
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Brenner, Robert
TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
TITLE OF INVENTION: METHODS
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APPLICATION NUMBER: US 0.
FILING DATE: 04-APR-1988
ATTORNEY/AGENT INFORMATION:
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               APPLICATION NUMBER:
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REFERENCE/DOCKET NUMBER: 52516
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REGISTRATION NUMBER: 33,77
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Feldman, Daniel
McCue, Ann
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Ellis, Steven
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internal
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MBER: US 07/868,354
10-APR-1992
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                                                               US 07/914,231
                                                                                                                 WO PCT/US92/06903
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Pred. No. 2.9e+02;
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Matches 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (619) 238-0062 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                     tent No.
              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0
                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HYPOTHETICAL: N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein HYPOTHETICAL: NO
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LENGTH: 478 amino aci
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/176,899
FILING DATE: 04-APR-1988
ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION NUMBER: US 07/603,751
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PRIOR APPLICATION DATA:
US 07/482,384
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PRIOR APPLICATION DATA:
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                         TITLE OF INVENTION: Human Calcium Channel Compositions and TITLE OF INVENTION: Methods
                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 63
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                           APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  467 GSVVPQ 472
                                                                                                                                    STREET: 1660 UIL
                                                                                                COUNTRY: USA
ZIP: 92101-2926
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GAVVPQ 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: 811
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 07/620,250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                       5876958
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                                                                                                                            California
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                                                                                                                                                                                                                                                      Brenner,
                                                                                                                                                                                                                                                                                      Williams, Mark
Feldman, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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                                                                                                                                                                                                                                                                                                                                      Harpold, Michael
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15-AUG-1991
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                                                                                                                                                                                                                                                          Robert
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ER: 6362-55038
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    Mismatches

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Pred. No. 2.9e+02;
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TYPE: amino acid
TYPE: Inino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-311-363-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 12
US-08-455-543A-42
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Best Local Similarity 83.3%;
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 42,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 19: SEQUENCE CHARACTERISTICS: LENGTH: 478 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION UMBER: US 07/
FILING DATE: 15-AUG-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (619)238-0999
                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/745,206
FILING DATE: 15-AUG-1991
                                                                                                                                                  APPLICATION NUMBER: 08/223,305
FILING DATE: April 4, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/868,354
FILING DATE: April 10, 1992
PRIOR APPLICATION TOTAL
                                                                                                                                                                                                                                                                              SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,543A
                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Feldman, Daniel
APPLICANT: McCue, Ann
APPLICANT: Brenner, Robert
TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
TITLE OF INVENTION: METHODS
                                                                                                                                                                                                                                              FILING DATE: May 31, 1995 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                     PRIOR APPLICATION DATA:
                               PRIOR APPLICATION DATA:
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STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Seidman, Step
REGISTRATION NUMBER:
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                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM CON
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 GAVVPQ 6
                                                 APPLICATION NUMBER: US 07/620,250 FILING DATE: 30-NOV-1990
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5792846
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Feldman, Daniel
McCue, Ann
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Ellis, Steven
                                                                                                                                                                                                                                                                                                                                                    IBM Compatible
MBER: US 07/482,384
20-FEB-1990
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Pred. No. 2.
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Best Local Similarity
Matches 5; Conserva
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US-08-223-305C-42
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 42, Application US/08223305C Patent No. 5851824
                                                                                 COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FAStSEQ Version 1.5
SOFTWARE: RASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/223,305C
FILING DATE: April 4, 1994
PRIOR APPLICATION DATA:
APPLICATION UMBER: 07/868,354
FILING DATE: April 10, 1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (619)238-0062
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/17.

FILING DATE: 04-APR-1988

ATTORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie L.

REGISTRATION NUMBER: 33,779
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REFERENCE/DOCKET NUMBER: 63
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                              ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                               APPLICATION NUMBER: US 0: FILING DATE: 15-AUG-1991 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Brenner, Robert TITLE OF INVENTION: HUMAN CITITLE OF INVENTION: METHODS NUMBER OF SEQUENCES: 57
                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                512 GSVVPQ 517
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                                                                                                                                                                                                                                                                                                                                        STATE:
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STREET: 16
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                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                         CITY: San Diego
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 04-APR-1989
APPLICATION NUMBER: US 07/620,250 FILING DATE: 30-NOV-1990
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                                                                                                                                                                                                                                                                                                                                      California
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1660 Union Street
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                                                                                                                                                                                                                                                                                                                       USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Feldman, Daniel
McCue, Ann
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Harpold, Michael
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                                                                    US 07/745,206
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    Mismatches

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Pred. No. 3.
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PRIOR APPLICATION DATA:

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; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
US-08-223-305C-42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-751-305-16
; Sequence 16, Application US/08751305
; Patent No. 5965439
                                                                                                                                                                                                                                                                                                                                                                                   GENERAL

APPLICANT: Tell...

TITLE OF INVENTION: HOS: L...

NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

PREET: 4225 Executive Square, Suite 1400
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Best Local Similarity 83.3
Matches 5; Conservative
                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA;
APPLICATION NUMBER: US/08/751,305
PILING DATE: 18 NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr., John R.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: 07306/0120
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEPHONE: 619/678-5070
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US89/0
PILING DATE: 04-APR-1989
PRIOR APPLICATION NUMBER: US 07/176,899
PRIOR APPLICATION NUMBER: US 07/176,899
PILING DATE: 04-APR-1988
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L.
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 352516 (TELECOMMUNICATION INFORMATION:
TELEPHONE: (619)238-0999
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             512 GSVVPQ 517
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Pred. No. 3.2e+02;
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RESULT 15
5466668-12
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Matches 5; Conserva
Search completed: April 16, 2003, 09:40:02 Job time : 11.4348 secs
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                                                                                                                                                                            5466668-12
                                                                                                                                                                                     APPLICATION NUMBER: 406,941
FILING DATE: 13-SEP-1989
APPLICATION NUMBER: 345,374
FILING DATE: 28-APR-1989
SEQ ID NO:12:
LENGTH: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                ;Patent No. 5466668
; APPLICANT: GLASER, CHARLES B.;MORSER, MICHAEL J.;LIGHT,
                                                                                                                                                                                                                                                                                                                                                                                                                                        DAVID R.
                                                                                                                Query Match
Best Local Similarity
Matches 5; Conserv
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                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/155,346
FILING DATE: 22-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 568,456
FILING DATE: 15-AUG-1990
APPLICATION UNMEER: 506,325
FILING DATE: 09-APR-1990
                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 57
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: SUPERIOR THROMBOMODULIN ANALOGS FOR
                                                            15 GAVVPR 20
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83.3%;
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Pred. No. 22;
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Perfect score:
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length: 2000000000
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April 16, 2003, 09:38:18 ; Search time 32 Seconds (without alignments) 38.983 Million cell updates/sec
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Maximum Match 100%
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US-09-580-110E-51
US-09-580-110E-51
US-09-580-156D-54
US-09-580-156D-54
US-09-580-893C-62
US-09-580-893C-62
US-09-580-893C-62
US-09-580-893D-62
US-09-580-110E-62
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12504, A
7783, Ap
11200, A
67280, A
67280, A
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Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence
•	8, Appli	9848, Ap	9848, Ap	10, Appl	55123, A	55123, A	55122, A	55122, A	55127, A	55127, A	55125, A	55125, A	55126, A	55126, A	9097, Ap	9097, Ap	4.	449, App

ALIGNMENTS

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US-09-580-893C-54

; Sequence 54, Application US/09580893C

; GENERAL INFORMATION:

; APPLICANT: SANDBERG, LAWRENCE B

APPLICANT: MITTS, THOMAS F

; APPLICANT: JIMENEZ JR, FELIPE

; TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS

; FILE REFERENCE: 00-144-US

; CURRENT APPLICATION NUMBER: US/09/580,893C

; CURRENT FILING DATE: 2002-10-08

; NUMBER OF SEQ ID NOS: 75

; SOFTWARE: PATENTIN Ver. 2.1

; SEQ ID NO 54

; LENGTH: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; PEATURE:
; NAME/KEY: DISULFID
; LOCATION: (1)..(8)
; OTHER INFORMATION: TERMINAL CYSTEINES FORM DISULFIDE
US-09-580-893C-51
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US-09-580-893C-51
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APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
*SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 51
SEQ ID NO 51
SEQ ID NO 51
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OTHER INFORMATION: Description of Artificial Sequence: Peptide
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NAME/KEY: METAL
LOCATION: (1)..(8)
OTHER INFORMATION: N
S-09-580-893C-54
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Best Local S
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                                                                                                          SEQ ID NO 54
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APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
                                                                                                                                                            FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/580,893D CURRENT FILING DATE: 2002-10-08 NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
                                                                                                                                                                                                             APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
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APPLICANT: MITTS, THOMAS F
                                                                                                                                           NUMBER OF SEQ ID NOS: 75
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OTHER INFORMATION:
FEATURE:
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TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Peptide
                                                     TYPE: PRT
ORGANISM: Artificial Sequence
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Pred. No.
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Pred. No. 6e+05
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; NAME/KEY: METAL; LOCATION: (1)..(8); LOCATION: (1)..(8); OTHER INFORMATION: METAL IS COPPER; BINDING TO LOCATIONS 1 US-09-580-893D-54
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                                                                                           ; OTHER INFORMATION: Description of Artificial US-09-580-110E-54
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SEQ ID NO 51
LENGTH: 8
                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/580,110E
CURRENT FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn version 3.1
SEQ ID NO 54
                                                                                                                                                                                                                                                                                                               Sequence 54, Application US/09580110E
GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
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Best Local Similarity
Matches 8; Conserv
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CURRENT APPLICATION NUMBER: US/09/580,110E
CURRENT FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: ELASTIN PEPFIDE ANALOGS
TITLE OF INVENTION: ENHANCING AGENTS
                                                                                                                                                        LENGTH: 8
TYPE: PRT
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                                                                                                                         FEATURE:
                                                                                                                                        ORGANISM: Artificial
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8; Conserv
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ELASTIN PEPTIDE ANALOGS
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Pred. No.
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Pred. No.
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Pred.
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                                                                                                        Sequence: peptide
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; LOCATION: (1)..(8)
; OTHER INFORMATION: METAL IS
US-09-580-156D-54
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Matches
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GENERAL INFORMATION:
APPLICANT: Lawrence, Sandberg B.
APPLICANT: Thomas, Mitts F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 25812-5CIP
CURRENT APPLICATION NUMBER: US/09/580,156D
CURRENT FILING DATE: 2000-05-30
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APPLICANT: Lawrence, Sandberg B.
APPLICANT: Thomas, Mitts F.
APPLICANT: Thomas, MITTS F.
APPLICANT: THOMAS F.
APPLICANT: THOMAS F.
APPLICANT: THOMAS F.
APPLICANT: THOMAS B.
APPL
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 54
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 09/039,308
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: PCT/US99/05496
PRIOR FILING DATE: 1999-03-12
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NAME/KEY: DISULFID
LOCATION: (1)..(8)
OTHER INFORMATION: TERMINAL CYSTEINES FORM DISULFIDE BOND
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ORGANISM: Artificial
FEATURE:
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ORGANISM: Artificial
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Pred. No. 6e+
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; FEATURE:
; NAME/KEY: DISULFID
; LOCATION: (1)..(8)
; OTHER INFORMATION: T
US-09-580-893C-62
                                                     Query Match
Best Local Similarity
watches 7; Conserv
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CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 65
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GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: HITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 65, Application US/09580893C
GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PATENTIN VEY: 2.1
SEQ ID NO 62
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TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
                                                                                                                                                                                                               OTHER INFORMATION: Description FEATURE:
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Pred. No.
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Pred. No.
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RESULT 11 US-09-580-893D-62 · sequence 62, Application US/09580893D

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THOMAS F
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS;
FILE REFERENCE: 00-144-US;
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 62
LENGTH.
                                                                                              RESULT 13
US-09-580-110E-62
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Best Local Similarity
"" Conserva
                                                                                                                                                                                                                                                                                 ; NAME/KEY: METAL
; LOCATION: (1)..(8)
; OTHER INFORMATION:
US-09-580-893D-65
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Sequence 62, Application US/09580110E
GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS;
TITLE OF INVENTION: ENHANCING AGENTS
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SEQ ID NO 65
SENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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Best Local :
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TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: SANDBERG, LAWRENCE B APPLICANT: MITTS, THOMAS F
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TYPE: PRT
ORGANISM: Artificial Sequence
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87.5%;
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Pred. No. 6e+C
0; Mismatches
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Pred. No. 6e+05;
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RESULT 14
US-09-580-110E-65
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US-10-366-683-32643
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; ORGANISM: Pseudomonas aeruginosa US-10-366-683-32643
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US-09-580-110E-65
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CURRENT FILLING DATE: 2000-05-30

NUMBER OF SEQ ID NOS: 75

SOFTWARE: Patentin version 3.1

SEQ ID NO 62

LENGTH: 8
                                                                APPLICANT: Bush, David
TITLE OF INVENTION: AUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: PATHO3-04
CURRENT APPLICATION NUMBER: US/10/366,683
CURRENT FILING DATE: 2003-02-13
PRIOR APPLICATION NUMBER: 09/252,991
PRIOR APPLICATION NUMBER: 09/252,991
PRIOR FILING DATE: 1999-02-18
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 33643
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn ver
SEQ ID NO 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 65, Application US/09580110E GENERAL INFORMATION:
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND USES OF SAME IN COMBINATION WITH SKIN TITLE OF INVENTION: ENHANCING AGENTS FILE REFERENCE: 25812-13
                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                       APPLICANT: Rubenfield, Marc J. APPLICANT: Nolling, Jork
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/580,110E CURRENT FILING DATE: 2000-05-30
                                 LENGTH: 60
TYPE: PRT
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ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: peptide
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Bush, David
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Pred. No. 6e+05;
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Search completed: April 16, 2003, 09:50:50 Job time : 33 secs	Db 41 CGALRPQC 48	QY 1 CGAVVPQC 8	Matches 6; Conservative 1; MismaTches 1; Indels 0; Gaps 0;	Query Match 79.2%; Score 38; DB 6; Length 607; Best Local Similarity 75.0%; Pred No. 90.

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GenCore version 5.1.4 p5 4578 (c) 1993 - 2003 Compugen Ltd.

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Post-processing: Minimum Match 0%
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Listing first 45 summaries
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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Sequence 51, Appl Sequence 54, Appl Sequence 51, Appl Sequence 62, Appl Sequence 62, Appl Sequence 65, Appl	Description

Query Match

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DB 19; Length 8;

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ALIGNMENTS

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US-09-584-001-51

US-09-584-001-51

Sequence 51, Application US/09584001

GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE
APPLICANT: MITTS, THOMAS F.

ITITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME
FILE REFERENCE: 99494US

CURRENT FILING DATE: 2000-05-30

EARLIER REPLICATION NUMBER: US/09/584,001

CURRENT FILING DATE: 1998-03-13

EARLIER FILING DATE: 1998-03-13

EARLIER FILING DATE: 1999-03-12

NUMBER OF SEQ ID NOS: 75

SOFTWARE: PRI OSSI TYPE: PRI
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: penture:
NAME/KEY: DISULFID
LOCATION: (1)..(8)

OTHER INFORMATION: TERMINAL CYSTEINES FORM DISULFIDE BOND

US-09-584-001-51
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US-09-584-001-54
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RESULT 4
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US-09-584-001C-51
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CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
EARLIER FILING DATE: 1998-03-12
EARLIER FILING DATE: 1999-03-12
NUMBER: OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                              APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs and Methods of Using Same
FILE REFERENCE: 25812-11
CURRENT FAPPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
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TYPE: PRT
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OTHER INFORMATION:
FEATURE:
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TYPE: PRT
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Pred. No. 4.2e+06;
Mismatches %0;
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Best Local S
Matches 7
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Matches
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SEQ ID NO 54
LENGTH: 8
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                                                                                                            Sequence 65, Application US/09584001 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: SANDBERG, LAWRENCE
APPLICANT: MITTS, THOMAS F.
TITLE OF INVENTION: BLASTIN PEPTIDE ANALOGS.
FILE REFERENCE: 99494US
CURRENT APPLICATION NUMBER: US/09/584,001
CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/584,001C CURRENT FILING DATE: 2002-04-30 NUMBER OF SEQ ID NOS: 75
                                                      APPLICANT: SANDBERG, LAWRENCE
APPLICANT: MITTS, THOMAS F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   EARLIER APPLICATION NUMBER: PCT/US99/05496
EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Blastin Peptide Analogs and Methods of Using Same
FILE REFERENCE: 25812-11
FILE REFERENCE: 99494US
CURRENT APPLICATION NUMBER: US/09/584,001
CURRENT FILING DATE: 2000-05-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 8
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: DISULFID LOCATION: (1)..(8)
OTHER INFORMATION: TERMINAL CYSTEINES FORM DISULFIDE BOND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE: OTHER INFORMATION: Description of Artificial Sequence: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
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les 8; Conserv
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Pred. No. 4.
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Pred. No.
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4.2e+06;
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. 4.2e+06;
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                                                          OF USING SAME
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US-09-584-001C-65
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US-09-584-001C-62
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                                      US-09-584-001C-65
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                                                                                                                                            Sequence 65, Application US/09584001C
GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs and Methods of Using Same FILE REFERENCE: 25812-11
CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 7; Conserv
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EARLIER FILING DATE: 1998-03-13
EARLIER APPLICATION NUMBER: PCT/US99/05496
EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 65
   Query Match
                                                                                                           SOFTWARE: PatentIn Ver.
SEQ ID NO 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver. 2.1 SEQ ID NO 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 62, Application US/09584001C GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs and Methods of Using Same
FILE REFERENCE: 25812-11
CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: mammalian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
NAME/KEY: METAL
LOCATION: (1)...(8)
OTHER INFORMATION: METAL IS COPPER; BINDING TO LOCATION 1 AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
TYPE: PRT
ORGANIAM: Artificial Sequence
PEATURE:
                                                       ORGANISM: mammalian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence: peptide
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89.6%;
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Pred. No. 4.2e+06;
0; Mismatches 1
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Pred. No. 4.2e+06;
Score 43;
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DB 19;
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Length 8;

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FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 32643
US-09-791-537-7352
; Sequence 7352, Application US/09791537
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Pioneer Hi-Bred International, Inc.
APPLICANT: Bao, Zhongmeng
APPLICANT: Lu, Guihua
TITLE OF INVENTION: Sclerotinia-inducible Genes and
TITLE OF INVENTION: Promoters and Their Uses
FILE REFERENCE: 35718/234631
CURRENT APPLICATION NUMBER: US/09/923,844B
CURRENT FILING DATE: 2001-08-07
PRIOR APPLICATION NUMBER: US/09/224,603
PRIOR APPLICATION NUMBER: US/09/224,603
PRIOR APPLICATION NUMBER: US/09/224,603
PRIOR APPLICATION NUMBER: US/09/224,603
PRIOR TILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                     RESULT 11
                                                                                                                                                                                                                                                                                         US-09-923-844B-4
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                                                                                                                                                                                                                                                                                                          SEQ ID NO 4
LENGTH: 97
TYPE: PRT
ORGANISM: Helianthus annuus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application US/09923844B GENERAL INFORMATION:
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GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
                                                                                                                                                                                                         Best Local Similarity
Matches 5; Conserv
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Matches 6; Conserv
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
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75.0%;
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Pred. No. 6.5e+02;
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0; Mismatches 1
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Pred. No.
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Query Match
Best Local Similarity
6; Conserva
        APPLICANT: Shakhova, Vera V.
APPLICANT: Malykh, Andrei G.
APPLICANT: Kozyavkin, Sergei A.
TITLE OF INVENTION: Fidelity Systems, Inc.
FILE REFERENCE: New
CURRENT APPLICATION NUMBER: US/60/361,742
CURRENT FILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 1692
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                   RESULT 13
US-60-361-742-1086
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TYPE: PRT
; ORGANIEM: Thermus thermophilus
US-09-791-537-7352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Bionomix, Inc.
APPLICANT: Bebe, Derek
APPLICANT: Debe, Derek
APPLICANT: Debe, Derek
APPLICANT: Debe, Derek
TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMBE
TITLE OF INVENTION: METHODS OF USE THEREOF
FILE REFERENCE: 2617210
CURRENT APPLICATION NUMBER: US/09/791,537
CURRENT FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 153055
SOFTWARE: Patentin version 3.0
SEQ ID NO 96539
LENGTH: 123
TYDE: DEP
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APPLICANT: Debe, Derek
APPLICANT: Danzer, Joseph
APPLICANT: DANZER, JOSEPh
TITLE OF INVENTION: METHODS OF USE THEREOF
TITLE OF INVENTION: METHODS OF USE THEREOF
TILE REFERENCE: 261/210
CURRENT APPLICATION NUMBER: US/09/791,537
CURRENT APPLICATION NUMBER: US/09/791,537
CURRENT FILLING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 153055
SOFTWARE: Patentin version 3.0
SEQ ID NO 7352
                                                                                                                                                                                                                                                                                                Sequence 1086, Application US/60361742 GENERAL INFORMATION:
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Matches 6; Conserv
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SEQ ID NO 1086
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Mezhevaya, Katja V.
Polushin, Nikolai N.
Shcherbinina, Olga V.
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nilarity 75.0%;
Conservative
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75.0%;
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Pred. No.
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2.3e+02;
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; IENGTH: 390
; TYPE: PRT
; ORGANISM: Methanopyrus kandleri
US-60-361-742-1086
                                                                                                                                                                            RESULT 15
US-60-160-202-2831
Sequence 2831, Application US/60160202
GENERAL INFORMATION:
APPLICANT: BONAZZI, VIVIEN
APPLICANT: BONAZZI, VIVIEN
TITLE OF INVENTION: ASCLATED HUMAN GPCR PROTEIN, NUCLEIC
TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN GPCR PROTEINS AND USES THEREOF
FILE REFERENCE: CL000114
CURRENT APPLICATION NUMBER: US/60/160,202
CURRENT FILING DATE: 1999-10-19
NUMBER OF SEQ ID NOS: 4392
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2831
LENGTH: 34
                                            Query Match
Best Local Similarity
""hes 5; Conserv
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Best Local Similarity
Matches 8; Conserv:
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                                                                                                                               ; TYPE: PRT
; ORGANISM: HUMAN
US-60-160-202-2831
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SEQ ID NO 203
LENGTH: 544
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Best Local Similarity
Matches 6; Conserv
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CURRENT APPLICATION NUMBER: US/60/212,356
CURRENT FILING DATE: 2000-06-19
NUMBER OF SEQ ID NOS: 411
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TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: VARIANT
LOCATION: (1)...(544)
OTHER INFORMATION: Xaa = Any Amino
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ORGANISM: HUMAN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                143 CGAHAVVPQC 152
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10 CGLLVPRC 17
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                             CGAVVPQC 8
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                                                              Conservative
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80.0%;
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Pred. No. 8.8e+02;
0; Mismatches 0;
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Pred. No. 6.5e+02;
                                                                               Score 36; DB 27;
Pred. No. 1e+02;
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                                                               Mismatches
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                                                                                              Length 34;
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Search completed: April 16, 2003, 09:49:13 Job time : 189.522 secs THIS PAGE BLANK (USPTO)

Copyright

GenCore version 5.1.4_p5_4578 (c) 1993 - 2003 Compugen Ltd.

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Minimum DB seq length: 0
Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                          Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Title:
Perfect score:
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                                                                            US-09-580-156D-51
48
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 288829 seqs, 75613885 residues
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/cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US00_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US00_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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36	2 6	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	37	Score
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954	954	954	954	954	954	954	954	954	954	954	954	954	954	948	867	283	205	97	Match Length DB
10	: 10	10	10	10	10	10	10	9	9	9	9	9	9	10	9	9	10	9	BG
US-09-944-097-7	US-09-944-396-7	US-09-945-015-7	US-09-945-587-7	US-09-944-862-7	US-09-944-457-7	US-09-944-449-7	US-09-866-028-7	US-09-944-929-7	US-09-944-907-7	US-09-944-944-7	US-09-944-896-7	US-09-944-403-7	US-09-944-413-7	US-09-897-699-2	US-09-811-088-10	US-09-798-051-7	US-09-206-639-5	US-09-923-844B-4	ID
Sequence 7, Appli	7,	Sequence 7, Appli	Sequence 7, Appli	Sequence 7, Appli	Sequence 2, Appli	Sequence 10, Appl	Sequence 7, Appli	Sequence 5, Appli	Sequence 4, Appli	Description									

45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	
. 31	31	31	31	31	32	32	32	32	32	32	32	33	33	ω G	ω ω	33	ω ω	33	ω W	36	36	36	36	36	
64.6	64.6	64.6	64.6	64.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8				75.0	75.0	75.0	
258	171	160	105	92	1133	919	375	217	153	135	90	816	584	225	184	143	111	70	62	955	955	954	954	954	
9	9	10	9	10	9	9	10	10	10	10	10	9	9	9	9	9	12	10	10	9	9	10	10	10	
US-10-001-054-52	US-10-101-464A-500	US-09-771-209-36	US-09-738-626-4725	US-09-925-301-1525	US-10-101-464A-809	US-10-101-464A-642	US-09-853-625B-13	US-09-815-242-5219	US-09-815-242-5043	US-09-925-301-935	US-09-037-460-11	US-09-796-720B-2	US-10-050-786-7	US-10-092-925-5	US-10-102-627-44	US-09-974-879-567	US-10-001-843-207	US-09-764-860-304	US-09-764-877-1457	US-09-798-051-8	US-10-044-716-8	US-09-943-851A-7	US-09-944-654-7	US-09-943-762-7	
Sequence 52, Appl	Sequence 500, App	Sequence 36, Appl	Sequence 4725, Ap	Sequence 1525, Ap	Sequence 809, App	Sequence 642, App	Sequence 13, Appl	Sequence 5219, Ap	Sequence 5043, Ap		Sequence 11, Appl	Sequence 2, Appli	Sequence 7, Appli	Sequence 5, Appli	Sequence 44, Appl	567,	Sequence 207, App	Sequence 304, App	e 1457	Sequence 8, Appli	Sequence 8, Appli	Sequence 7, Appli	Sequence 7, Appli	Sequence 7, Appli	

ALIGNMENTS

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RESULT 2
US-09-206-639-5
IS-59-206-639-5
; Sequence 5, Application US/09206639
; Patent No. US20020034777A1
; GENERAL INFORMATION:
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; TYPE: PRT
; ORGANISM: Helianthus annuus
US-09-923-844B-4
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Best Local Similarity
Matches 5; Conserv
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/923,844B
CURRENT FILING DATE: 2001-08-07
PRIOR APPLICATION NUMBER: US 60/224,603
PRIOR FILING DATE: 2000-08-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Pioneer Hi-Bred International, Inc.
APPLICANT: Bao, Zhongmeng
APPLICANT: Lu, Guihua
TITLE OF INVENTION: Sclerctinia-inducible Genes and
TITLE OF INVENTION: Promoters and Their Uses
FILE REFERENCE: 35718/234631
                                                                                                                                                                                                                                               90 ĆĠVSIPQĆ 97
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                   Goli, Surya K.
TITLE OF INVENTION: A NOVEL REGULATOR OF CELL SIGNALLING NUMBER OF SEQUENCES: 5
                                                                            APPLICANT: Hillman, Jennifer L.
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                               77.1%;
62.5%;
                                                         Surya K.
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; Pred. No. 11;
1; Mismatches
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; SEQ ID NO 7; LENGTH: 283; TYPE: PRT; ORGANISM: Mus musculus US-09-798-051-7
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Best Local Similarity
Matches 5; Conserv
 Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                 APPLICANT: Zhang, Ke
APPLICANT: Cam, Linh
APPLICANT: Cam, Linh
APPLICANT: Nakayama, Naoki
TITLE OF INVENTION: Chordin-Like-2 Molecules and Uses Thereof
FILE REFERENCE: 01-005
CURRENT APPLICATION NUMBER: US/09/798,051
CURRENT FILING DATE: 2001-03-05
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver. 2.0
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INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     197 CASLVPQC 204
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NAME: Billings, Lucy J.

REGISTRATION NUMBER: 36,749

REFERENCE/DOCKET NUMBER: PF-0157 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/748,483
FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE DESCRIPTION: SEQ ID NO: 5:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CGAVVPQC 8
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FILING DATE: 07-Dec-1998
CLASSIFICATION: UNknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 205 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
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STATE: CA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LIBRARY: GenBank CLONE: 1216373
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   Conservative
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62.5%;
                   75.0%;
75.0%;
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Score 36; DB
Pred. No. 44;
0; Mismatches
 0
                   DB 9;
44;
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                                    Length 283;
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Indels
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Gaps
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; TYPE: PRT ; ORGANISM: Homo sapiens US-09-811-088-10
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                                                                                          US-09-897-699-2
                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/897,699
CURRENT FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: US 60/215,179
PRIOR FILING DATE: 2000-06-29
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/09897699
Patent No. US20020038468A1
GENERAL INFORMATION:
APPLICANT: Leviten, Michael W.
TITLE OF INVENTION: TRANSGENIC MICE CONTAINING CHORDIN GENE
TITLE OF INVENTION: DISRUPTIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 867
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Matches 6; Conserv
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  Best Local Similarity 75.0
Matches 6; Conservative
                                              Query Match
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APPLICANT: Gearing, David P.
APPLICANT: Pan, Yang
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING
TITLE OF INVENTION: PROGNASTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC AND OTHER
TITLE OF INVENTION: USES
                                                                                                        LENGTH: 948
TYPE: PRT
ORGANISM: Mus 1
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PRIOR FILLING DATE: 1997-04-16
PRIOR APPLICATION NUMBER: US 09/354,809
PRIOR FILING DATE: 1999-07-16
PRIOR APPLICATION NUMBER: US 08/938,365
PRIOR FILING DATE: 1997-09-26
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CURRENT FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: US 09/712,726
PRIOR FILING DATE: 2000-11-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 08/820,364
PRIOR FILING DATE: 1997-03-12
PRIOR APPLICATION NUMBER: US 09/757,421
PRIOR FILING DATE: 2001-01-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: 07334-324001
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PRIOR FILING DATE: 1997-04-16
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Score 36; DB 10;
Pred. No. 1.3e+02;
0; Mismatches 2;
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Pred. No. 1.2e+02;
0; Mismatches 2;
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TITLE OF INVENTION: SCRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P2548P1C1
CURRENT APPLICATION NUMBER: US/09/944,413
CURRENT APPLICATION NUMBER: US/09/944,413
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 09/866,028
PRIOR FILING DATE: 2001-05-25
PRIOR FILING DATE: December 3, 1997
PRIOR APPLICATION NUMBER: 60/067,411
PRIOR FILING DATE: December 3, 1997
PRIOR APPLICATION NUMBER: 60/069,334
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/06935
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,278
                                         PRIOR FILLING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069, 425
PRIOR TILING DATE: December 16, 1997
PRIOR PILLING DATE: December 17, 1997
PRIOR APPLICATION NUMBER: 60/069, 873
PRIOR PILLING DATE: December 18, 1997
PRIOR APPLICATION NUMBER: 60/070, 440
PRIOR FILLING DATE: December 18, 1997
PRIOR APPLICATION NUMBER: 60/074, 086
PRIOR APPLICATION NUMBER: 60/074, 086
PRIOR PILLING DATE: PEDTUARY 9, 1998
PRIOR APPLICATION NUMBER: 60/074, 092
PRIOR PILLING DATE: PEDTUARY 9, 1998
PRIOR APPLICATION NUMBER: 60/074, 092
PRIOR PILLING DATE: PEDTUARY 9, 1998
PRIOR APPLICATION NUMBER: 60/113, 296
PRIOR APPLICATION NUMBER: 60/113, 296
PRIOR PILLING DATE: December 16, 1998
PRIOR APPLICATION NUMBER: 60/113, 296
PRIOR PILLING DATE: December 22, 1998
PRIOR APPLICATION NUMBER: 60/113, 296
PRIOR APPLICATION NUMBER: 60/113, 296
PRIOR PILLING DATE: December 16, 1998
PRIOR APPLICATION NUMBER: 60/113, 296
PRIOR PILLING DATE: December 16, 1998
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PRIOR PILLING DATE: December 16, 1998
PRIOR APPLICATION NUMBER: 60/113, 296
PRIOR PILLING DATE: September 16, 1998
PRIOR APPLICATION NUMBER: 60/1146, 222
PRIOR FILLING DATE: September 16, 1998
PRIOR APPLICATION NUMBER: 60/1146, 222
PRIOR PILLING DATE: September 16, 1998
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FILING DATE: July 28, 1999
APPLICATION NUMBER: PCT/US98/19330
FILING DATE: September 16, 1998
APPLICATION NUMBER: PCT/US98/25108
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Grimaldi, Christopher
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RESULT 7
US-09-944-403-7
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; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-413-7
                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Baker, K
                                                                                                                                                                                                                                                                                                                                                 Sequence 7, Application US/09944403 Patent No. US20020165143A1
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SEQ ID NO 7
LENGTH: 954
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APPLICANT:
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                                                                                             APPLICANT:
                                                                                                                APPLICANT:
ITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ITLE OF INVENTION: ACIDS ENCODING THE SAME
                                        PPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 902 CGAGVPHC 909
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R FILING DATE: MATCH 30, 2000

DR APPLICATION NUMBER: PCT/US00/14042

DR FILING DATE: May 22, 2000

DR APPLICATION NUMBER: PCT/US00/20710

DR FILING DATE: July 28, 2000

DR FILING DATE: July 28, 2000

DR APPLICATION NUMBER: PCT/US00/32678
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APPLICATION NUMBER: PCT/U
FILING DATE: March 2, 200
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APPLICATION NUMBER: PCT/US99/28313
FILING DATE: No. US20020156004Alember 30, 1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/12: FILING DATE: June 22, 1999
APPLICATION NUMBER: PCT/US99/210
FILING DATE: September 15, 1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: December 22, 1998
APPLICATION NUMBER: 09/254,311
FILING DATE: March 3, 1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
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FILING DATE: February 11, 2000
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APPLICATION NUMBER: PCT/US99/30095
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US99/28409 FILING DATE: No. US20020156004A1em
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Similarity 6; Conserv
                                    Roy, Margaret
Tumas, Daniel
Wood, William
                                                                                                                             Gurney, Austin
Hillan, Kenneth
                                                                                                                                                                Godowski, Paul
Grimaldi, Christopher
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                                                                                           Napier, Mary
                                                                                                            Kljavin, Ivar
                                                                                                                                                                                                    Goddard, Audrey
                                                                                                                                                                                                                       Gerritsen, Mary
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Filvaroff, Ellen
                                                                                                                                                                                                                                                                                             Botstein, David
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/218,517
22, 1998
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Pred. No.
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REFERENCE: P2548P1C1

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PRIOR APPLICATION NUMBER: 60/069,334
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069335
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 09/866,028
PRIOR FILING DATE: 2001-05-25
PRIOR FILING UNMBER: 60/067,411
PRIOR FILING DATE: December 3, 1997
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OR FILING DATE: December 16,1998
OR APPLICATION NUMBER: 60/113,296
OR APPLICATION NUMBER: 60/146,222
OR APPLICATION NUMBER: 60/146,222
OR FILING DATE: July 28,1999
OR APPLICATION NUMBER: PCT/US98/19330
OR APPLICATION NUMBER: PCT/US98/25108
OR APPLICATION NUMBER: DCT/US98/25108
OR APPLICATION NUMBER: DCT/US98/25108
OR APPLICATION NUMBER: DCT/US98/25108
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OR APPLICATION NUMBER: 60/074,086
OR FILING DATE: February 9, 1998
OR APPLICATION NUMBER: 60/074,092
OR FILING DATE: February 9, 1998
OR APPLICATION NUMBER: 60/075,945
OR FILING DATE: February 25, 1998
OR APPLICATION FEBRUARY 25, 1998
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DR FILLING DATE: December 11, 1997
DR APPLICATION NUMBER: 60/069,495
DR FILLING DATE: December 12, 1997
DR APPLICATION NUMBER: 60/069,696
DR FILLING DATE: December 16, 1997
DR FILLING DATE: December 16, 1997
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R APPLICATION NUMBER: 60/069,694

R FILING DATE: December 16, 1997

R APPLICATION NUMBER: 60/069,702

RAPPLICATION NUMBER: 60,1997
FILING DATE: February 22, 2000
APPLICATION NUMBER: PCT/US00/05841
FILING DATE: March 2, 2000
APPLICATION NUMBER: PCT/US00/08439
FILING DATE: March 30, 2000
APPLICATION NUMBER: PCT/US00/14042
                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US99/2830& FILING DATE: December1, 1999
APPLICATION NUMBER: PCT/US99/30095
FILING DATE: December 16, 1999
APPLICATION NUMBER: PCT/US00/03565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 09/254,311
FILING DATE: March 3, 1999
APPLICATION NUMBER: PCT/US99/12252
FILING DATE: June 22, 1999
APPLICATION NUMBER: PCT/US99/21090
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FILING DATE: December 17, 1997
APPLICATION NUMBER: 60/069,873
FILING DATE: December 17, 1997
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APPLICATION NUMBER: PCT/US00/04414
FILING DATE: February 22, 2000
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APPLICATION NUMBER: PCT/US99/28409
FILING DATE: No. US20020165143A1ember 30, 1999
APPLICATION NUMBER: PCT/US99/28313
FILING DATE: No. US20020165143A1ember 30, 1999
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FILING DATE: December 16, 1998
APPLICATION NUMBER: 09/218,517
FILING DATE: December 22, 1998
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FILING DATE: December 18, 1997
APPLICATION NUMBER: 60/070,440
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P2548P1C1
CURRENT APPLICATION NUMBER: US/09/944,896
CURRENT FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: 09/866,028
PRIOR FILING DATE: 2001-05-25
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 60/069,334
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,355
PRIOR APPLICATION NUMBER: 60/069,278
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,278
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,278
PRIOR APPLICATION NUMBER: 60/069,425
PRIOR APPLICATION NUMBER: 60/069,696
PRIOR APPLICATION NUMBER: 60/069,696
PRIOR APPLICATION NUMBER: 60/069,696
PRIOR APPLICATION NUMBER: 60/069,696
PRIOR APPLICATION NUMBER: 60/069,694
PRIOR FILING DATE: December 16, 1997
PRIOR APPLICATION NUMBER: 60/069,702
PRIOR FILING DATE: December 16, 1997
PRIOR APPLICATION NUMBER: 60/069,702
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PRIOR FILING DATE: December 16, 1997
PRIOR APPLICATION NUMBER: 60/069,702
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; TYPE: PRT
; ORGANISM: Homo S
US-09-944-403-7
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PRIOR FILING DATE: July 28, 2000
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR PILING DATE: December 1, 2000
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: February 28, 2001
NUMBER OF SEQ ID NOS: 120
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION APPLICANT: Baker,
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                                                                                                                              APPLICATION NUMBER: 60/069,870 FILING DATE: December 17, 1997 APPLICATION NUMBER: 60/069,873
                                                   FILING DATE: December 17, 1997
APPLICATION NUMBER: 60/068,017
FILING DATE: December 18, 1997
                        APPLICATION NUMBER: 60/070,
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Tumas, Daniel
Wood, William
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Filvaroff, Ellen
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                                                                                                                           : December 17, 1997
NUMBER: 60/069,873
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January 5
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Pred. No.
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; LENGTH: 954
; TYPE: PRT
; ORGANISM: Homo S
US-09-944-896-7
      US-09-944-944-7
; Sequence 7, Application US/09944944
; Patent No. US20020173463A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
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Best Local Similarity
"""hes 6; Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 7
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PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: February 28, 2001
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OR APPLICATION NUMBER: PCT/US99/28301
OR FILING DATE: December1, 1999
OR APPLICATION NUMBER: PCT/US99/30095
OR FILING DATE: December 16, 1999
OR APPLICATION NUMBER: PCT/US00/03565
OR APPLICATION NUMBER: PCT/US00/03466
OR APPLICATION NUMBER: PCT/US00/04414
OR FILING DATE: February 22, 2000
OR APPLICATION NUMBER: PCT/US00/04414
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OR FILING DATE: MARCH 3, 1999

OR APPLICATION NUMBER: PCT/US99/1252

OR FILING DATE: June 22, 1999

OR APPLICATION NUMBER: PCT/US99/21090

OR RILING DATE: September 15, 1999

OR APPLICATION NUMBER: PCT/US99/28409

OR APPLICATION NUMBER: PCT/US99/28409

OR APPLICATION NUMBER: PCT/US99/28313

OR APPLICATION NUMBER: PCT/US99/28313
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APPLICATION NUMBER: 09/216,021
FILING DATE: December 16, 1998
APPLICATION NUMBER: 09/218,517
FILING DATE: December 22, 1998
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FILING DATE: December 22, 1998
APPLICATION NUMBER: 60/146,222
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FILING DATE: March 2,
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APPLICATION NUMBER: PCT/US98/25108
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APPLICATION NUMBER: PCT/US98/19330
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APPLICATION NUMBER: 60/
FILING DATE: February 9
APPLICATION NUMBER: 60/
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NOS: 120
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July 28, 2000
NTMBER: PCT/US00/32678
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Pred. No. 1.3e+02;
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FILE REFERENCE: P2548P1C1
CURRENT APPLICATION NUMBER: US/09/944,944
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 09/866,028
PRIOR APPLICATION NUMBER: 60/667,411
PRIOR APPLICATION NUMBER: 60/667,411
PRIOR FILING DATE: December 3, 1997
PRIOR APPLICATION NUMBER: 60/669334
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069335
PRIOR APPLICATION NUMBER: 60/069335
PRIOR APPLICATION NUMBER: 60/069335
PRIOR FILING DATE: December 11, 1997
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APPLICATION NUMBER: 60/069,694
FILING DATE: December 16, 1997
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APPLICATION NUMBER: PCT/US99/28409
FILING DATE: No. US20020173463A1ember
                                                            FILING DATE: June 22, APPLICATION NUMBER: P
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APPLICATION |
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Tumas, Daniel
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Grimaldi, Christopher
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NUMBER: PCT/US98/25108
                                                                                                                    NUMBER: 09/254,311
: March 3, 1999
                                                                                                                                                                                                                                                                                                                                                                                NUMBER: 60/113,
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: December 16, 1
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NUMBER: 60/074,09
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                                     NUMBER: PCT/US99/21090
September 15, 1999
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FILING DATE: No. US20020173463A1ember 30, 1999 APPLICATION NUMBER: PCT/US99/28301 FILING DATE: December1, 1999

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US-09-944-907-7
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US-09-944-944-7
                                       ; LENGTH: 954
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-907-7
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NUMBER OF SEQ ID NOS:
SEQ ID NO 7
                                                                                                               TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P2548P1C1
CURRENT APPLICATION NUMBER: US/09/944,907
CURRENT FILING DATE: 2001-08-31
PRIOR FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: 09/866,028
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 120
SEQ ID NO 7
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Publication No. US20020198147A1
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Query Match
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TYPE: PRT
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OR APPLICATION NUMBER: PCT/USO0/04414
OR FILING DATE: February 22, 2000
OR APPLICATION NUMBER: PCT/USO0/05941
OR FILING DATE: March 2, 2000
OR APPLICATION NUMBER: PCT/USO0/08439
OR FILING DATE: March 30, 2000
OR APPLICATION NUMBER: PCT/USO0/14042
OR FILING DATE: May 22, 2000
OR APPLICATION NUMBER: PCT/USO0/20710
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FILING DATE: December 16, 1999
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FILING DATE: December 1, 2000
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Tumas, Daniel
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US-09-866-028-7
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LENGTH: 954
TYPE: PRT
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PRIOR APPLICATION NUMBER: 09/866,028
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 120
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CURRENT FILING DATE: 2001-08-31
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Tumas, Daniel
Wood, William
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Roy, Margaret
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Kljavin, Ivar
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Grimaldi, Christopher
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RESULT 13
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TYPE: PRT
ORGANISM: Homo Sapien
US-09-866-028-7
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Patent No. US20020102647A1
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PRIOR APPLICATION NUMBER: 60/069,334
PRIOR FILING DATE: December 11, 1997
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PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 60/067,411
PRIOR FILING DATE: December 3, 1997
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APPLICATION NUMBER: 60/069,870
FILLING DATE: December 17, 1997
APPLICATION NUMBER: 60/069,873
FILING DATE: December 17, 1997
APPLICATION NUMBER: 60/068,017
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FILING DATE: December 12, 1997
APPLICATION NUMBER: 60/069,696
FILING DATE: December 16, 1997
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APPLICATION NUMBER: 60/06
FILING DATE: December 11,
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APPLICATION NUMBER: 60/069335
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Pred. No. 1.3e+02;
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ORGANISM: Homo
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APPLICATION NUMBER: PCT/US00/04414
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APPLICATION NUMBER: PCT/US99/30095
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APPLICATION NUMBER: PCT/US99/28313
FILING DATE: No. US20020102647A1ember 30, 1999
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NUMBER: PCT/US99/12252
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NUMBER: PCT/US98/25108
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PCT/US00/05841
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                                                            Score 36; DB
Pred. No. 1.3e
0; Mismatches
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                                                                             1.3e+02;
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US_09-944-457-7; Sequence 7, Application US/09944457; Patent No. US20020110859A1

APPLICANT: Baker,

RESULT 14

APPLICANT:

PPLICANT:

PPLICANT: PPLICANT:

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CURRENT APPLICATION NUMBER: US/09/944,457
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 09/866,028
PRIOR FILING DATE: 2001-05-25
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FILING DATE: December 3, 1997
APPLICATION NUMBER: 60/069,334
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: January 5, 1998
APPLICATION NUMBER: 60/074,086
FILING DATE: February 9, 1998
APPLICATION NUMBER: 60/074,092
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APPLICATION NUMBER: 60/069,425
APPLICATION NUMBER: 12, 1997
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                                    APPLICATION NUMBER: 09/254,311
FILING DATE: March 3, 1999
APPLICATION NUMBER: PCT/US99/1225,2
FILING DATE: June 22, 1999
APPLICATION NUMBER: PCT/US99/21090
                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US98/25108 FILING DATE: December 1 100
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FILING DATE: December 22, 1998
APPLICATION NUMBER: 60/213,296
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                                                                                                                                               FILING DATE: December 16, 1998
APPLICATION NUMBER: 09/218,517
FILING DATE: December 22, 1998
                                                                                                                                                                                                                                                                                               FILING DATE: July 28, 1999
APPLICATION NUMBER: PCT/US98/19330
                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/146,222
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APPLICATION NUMBER: 60/
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                                                                                                                                                                                                              APPLICATION NUMBER: 09/216,021
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Goddard, Audrey
Godowski, Paul
Grimaldi, Christopher
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Tumas, Daniel
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; TYPE: PRT
; ORGANISM: Homo 9
US >09-944-457-7
               FILE REFERENCE: P2548P1C1
CURRENT APPLICATION NUMBER: US/09/944,862
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 09/866,028
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 60/067,411
PRIOR FILING DATE: December 3, 1997
PRIOR PPLICATION NUMBER: 60/069,334
PRIOR APPLICATION NUMBER: 60/069335
PRIOR APPLICATION NUMBER: 60/069335
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SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL
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Patent No. US20020115145A1
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Best Local
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PRIOR FILING DATE: February 28. 2001
                                                                                                                                                                                                                             APPLICANT: Tumas, Daniel
APPLICANT: Wood, William
TITLE OF LIVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
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FILING DATE: December 1 6 1000
ADDITION NUMBER: PCT/US99/30095
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APPLICATION NUMBER: P
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APPLICATION NUMBER: PCT/US99/28301
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APPLICATION NUMBER: PCT/US99/28313
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FILING DATE:
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Hillan, Kenneth
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Grimaldi, Christopher
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Filvaroff, Ellen
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December 11,
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75.0%;
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PCT/US00/05841
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Pred. No. 1.3e
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1.3e+02;
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PRIOR FILING DATE: February 22, 2000
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR APPLICATION NUMBER: PCT/US00/06843
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: May 22, 2000
PRIOR APPLICATION NUMBER: PCT/US00/20710
PRIOR APPLICATION NUMBER: PCT/US00/20710
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: December 1, 2000
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR PILING DATE: December 28, 2001
PRIOR PILING DATE: PCT/US01/06520
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IOR APPLICATION NUMBER: 60/14,296
IOR APPLICATION NUMBER: 60/14,222
IOR FILING DATE: December 22, 1998
IOR APPLICATION NUMBER: 60/146,222
IOR FILING DATE: July 28, 1999
IOR APPLICATION NUMBER: PCT/US98/19330
IOR FILING DATE: September 16, 1998
IOR FILING DATE: December 16, 1998
IOR APPLICATION NUMBER: 09/216,021
IOR FILING DATE: December 16, 1998
IOR APPLICATION NUMBER: 09/218,517
IOR FILING DATE: December 22, 1999
IOR APPLICATION NUMBER: 09/254,311
IOR FILING DATE: March 3, 1999
IOR APPLICATION NUMBER: 09/254,311
IOR FILING DATE: June 22, 1999
IOR APPLICATION NUMBER: PCT/US99/1252
IOR FILING DATE: June 22, 1999
IOR APPLICATION NUMBER: PCT/US99/28409
IOR APPLICATION NUMBER: PCT/US99/28301
IOR FILING DATE: No. US20020115145Alember 30, 1999
IOR APPLICATION NUMBER: PCT/US99/28301
IOR FILING DATE: December 16, 1999
IOR APPLICATION NUMBER: PCT/US99/28301
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IOR APPLICATION NUMBER: PCT/US99/28301
IOR FILING DATE: December 16, 1999
IOR APPLICATION NUMBER: PCT/US99/28301
IOR FILING DATE: PEDRUARY 17, 2000
IOR APPLICATION NUMBER: PCT/US90/04414
IOR FILING DATE: FEBRUARY 22, 2000
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OR FILING DATE: February 9, 1998
OR APPLICATION NUMBER: 60/074,092
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FILING DATE: December 17, 1997
APPLICATION NUMBER: 60/069,873
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FILING DATE: December 18, 1997
APPLICATION NUMBER: 60/070,440
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APPLICATION NUMBER: 60/075,945
FILING DATE: February 25, 1998
APPLICATION NUMBER: 60/112,850
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: December 17, 15, 60/069,873
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: December 11, 1997
: NUMBER: 60/069,425
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US-09-944-862-7

Query Match
75.0%; Score 36; DB 10; Length 954;

Best Local Similarity 75.0%; Pred. No. 1.3e+02;

Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps
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Qy 1 CGAVVPQC 8
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Db 902 CGAGVPHC 909

Search completed: April 16, 2003, 09:51:43
Job time : 17 secs

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Minimum
Maximum
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2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
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US-09-1896-345-4
US-09-226-091-4
US-09-325-881-4
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US-08-938-365-2
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US-08-938-365-2
US-08-749-169A-3
US-09-130-032A-3
US-08-238-163-2
US-08-238-163-2
US-08-238-163-4
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Sequence
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Sequence 37, Appl	Sequence 40, Appl	Sequence 25, Appl	Sequence 4, Appli	Sequence 90, Appl	Sequence 19, Appl	Sequence 19, Appl	Patent No. 5212074	•	-	Sequence 17, Appl	. 521	Sequence 54, Appl	Sequence 3, Appli	Sequence 120, App	Sequence 199, App	•	Sequence 12, Appl

ALIGNMENTS

US-08-829-110-6 RESULT 1

Sequence 6, Application US/08829110 Patent No. 5882890 GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.

APPLICANT: Hillman, Jennifer L.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL REGULATORS OF G-PROTEIN
TITLE OF INVENTION: SIGNALING

NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:

ADDRESSEE:

Incyte Pharmaceuticals,

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Query Match
Best Local Similarity
Thes 5; Conserve
                                                                         US-08-829-110-6
                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                       FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                             FILING DATE: Filed HOUSELING CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                   TOPOLOGY: line.
IMMEDIATE SOURCE:
                                                                                      LIBRARY: GenBank CLONE: 1216373
                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/8: FILING DATE: Filed Herewith
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STATE: CA
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62.5%;
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                            Score 36;
Pred. No.
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28;
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Mismatches

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Gaps

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LIBRARY: GenBank

CLONE: 1216373

US-08-748-483-5
                                                                                                                                    Sequence 3, Application US/08938365 Patent No. 5989909
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Patent No. 5955314
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                                                                                                                    GENERAL INFORMATION:
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                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
                                                                   APPLICANT: Yang, Pan
TITLE OF INVENTION: HUCHORDIN AND USES THEREOF
NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0157 US
REFERENCE/DOCKET NUMBER: PF-0157 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Hillman, Jennifer L. APPLICANT: Goli, Surya K. TITLE OF INVENTION: A NOVEL REG
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                                                                                                                                                                                                                                             197 CASLVPQC 204
ADDRESSEE: Figure ....
ADDRESSEE: 225 Franklin Street
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CITY: Palo Alto
STATE: CA
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62.5%;
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Pred. No. 28;
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; MOLECULE TYPE: protein US-08-938-365-3
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                                                                                                          COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version 2.
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/938,365
FILING DATE: 26-SEP-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
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Matches 6; Conserv
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OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version 2.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/938,365
FILING DATE: 26-SEP-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
          APPLICATION NUMBER:
FILING DATE:
ATTORNEY_AGENT INFORMATION:
NAME: Meiklejohn, Ph.D., Anita L.
REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 09404/040001
                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
ATTORNEY MGIKIEJOHD, Ph.D., AN:
NAME: MGIKIEJOHD, Ph.D., AN:
REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 094
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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TITLE OF INVENTION: 1
TELECOMMUNICATION INFORMATION:
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Pred. No. 1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 855;
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INFORMATION FOR SEQ ID NO:

TELEPHONE:

617/542-8906

617/542-5070

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RESULT 6
US-09-130-032A-3
                                                                                                                                                                                                                                                                                                                                                                                                                          ; LENGTH: 954 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECTLE TYPE: protein
US-08-749-169A-3
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                                                                                                                                                                                                                                Query Match
Best Local Similarity 75.0
Warches 6; Conservative
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (617) 876-58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY_AGENT INFORMATION:
NAME: LAZAR, Steven R.
REGISTRATION NUMBER: 32,618
REFERENCE/DOCKET NUMBER: GI 5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8260
TELEPAX: (617) 876-5851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/749,169K
FILING DATE:
CLASSIFICATION: 435
APPROBREV OF THE PROPERTY OF THE PATENTY OF T
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LENGTH: 867 amino acids
TYPE: amino acid
TOPOLOGY: linear
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LENGTH: 954 amino acid
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ADDRESSEE: Genetics Institute,
STREET: 87 CambridgePark Drive
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MEDIUM TYPE: Floppy disk
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                                                                                                                                             902 CGAGVPHC 909
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Cambridge
STATE: Massachusetts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RACIE, Lisa
LaVALLIE, Edward
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75.0%;
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Pred. No. 1.1e+02;
0; Mismatches 2; Indels
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Pred. No. 1e+02;
0; Mismatches
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Query Match
Best Local Similarity
Watches 6; Conserve
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; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-130-032A-3
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                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: BENNETT
APPLICANT: LABAVIT
APPLICANT: POWELL,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 954 amino acid
TYPE: amino acid
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NAME: LAZAR, Steven R.
REGISTRATION NUMBER: 32,618
REFERENCE/DOCKET NUMBER: GI 5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8260
TELEPAX: (617) 876-5851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE FORDBY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                              TITLE OF INVENTION: PLANT INHIBITORS OF FUNGAL TITLE OF INVENTION: POLYGALACTURONASES AND THE NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: HUMAN CHORDIN COMPOSITIONS
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                                                                                                                      COUNTRY: US
ZIP: 94105-1493
                                                                                                                                                        ADDRESSEE: Townsend and Townsend Khourie and Crew STREET: Steuart Street Tower, One Market Plaza CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/09/130,032A FILING DATE: August 4, 1998 CLASSIFICATION: 530
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              954 amino acids
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STOTZ, Henrik
                                                                                                                                                                                                                                                                                                                                                    LABAVITCH, John M.
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75.0%;
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Pred. No. 1.1e+02
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APPLICATION NUMBER:

US/08/238,163

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 Query Match 68.8%;
Best Local Similarity 62.5%;
Matches 5; Conservative
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Best Local Similarity 62.5%;
Matches 5; Conservative
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                                                                                                                              TELEPAX: 301-00 PINFORMATION FOR SEQ ID NO: 9
SEQUENCE CHARACTERISTICS:
STEWGTH: 206 amino acids
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
320 amino acid
                                                                               TOPOLOGY: li
                                                                                                                                                                                                                                                                                                     SOFWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/820,970 FILING DATE: 20-MAR-1997 CLASSIFICATION: 435
                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Brookes, Anders, A.
REGISTRATION NUMBER: 9F.
REFERENCE/DOCKET NUMBER: PF.
                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
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                                                                                                              TYPE: amino acid
STRANDEDNESS: sir
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REFERENCE/DOCKET NUMBER: 2307E-540
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9410 KEY WEST AVENUE
                                                                                protein
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; Score 33; DB;
; Pred. No. 93;
2; Mismatches
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Pred. No. 96;
                                                                                                                                                                                                                                           PF270
                               DB 3; Length 206;
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                                                                                                                                                                Sequence 4, Application US/08238163
Patent No. 5569830
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                Query Match 66.7%;
Best Local Similarity 62.5%;
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/464,339A
FILING DATE: June 5, 1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/14388
FILING DATE: 9 DEC 1994
ATTORNBY/AGENT INPORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-332
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: HASTIN
                                                 APPLICANT: POWELL, Ann
APPLICANT: STOTZ, Henrik
TITLE OF INVENTION: PLANT INHIBITORS OF
TITLE OF INVENTION: POLYGALACTURONASES F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INC
COMPUTER: IBM PS/2
                                                                                                                              APPLICANT: BENNETT, Alan APPLICANT: LABAVITCH, John M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS
LENGTH: 90 AMINO ACID:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Human V
                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                             32 CPANAPQC 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     31 ČGSVVSKC 38
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STATE: NEW JERSEY
                                                                                                                                                                                                                                                                                                                               1 CGAVVPQC 8
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E: CECCHI, STEWART & OLSTEIN
6 BECKER FARM ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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Townsend and Townsend Khourie and Crew
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                                                                                                                                                                                                                                                                                                                                                                                  Score 32;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                  DB 1; Length 90 66;
                                                    FUNGAL
AND THEIR USE
                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                    TO CONTROL FUNGAL DISEASE
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TELEFAX: (415) 543-5043

INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 327 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-238-163-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             8
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                                                                                                             SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,847B
FILING DATE: 6 June 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                 STREET: 6 L. STREET: 7 CITY: ROSELAND TRATE: NEW JERSEY
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-442
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Hastings, TITLE OF INVENTION: F
                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INC
                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   319 CGSPLPKC 326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
                                                                                    APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                              COMPUTER: IBM PS/
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Bastian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 23
                                                                                                                                                                                                                                                         COUNTRY: U
                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
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San Francisco
California
                                                                                                                                                                                                                                                                                                                6 BECKER FARM ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                IBM PS/2
                                                                                                                                                                                                                                                                                                                            CARELLA, BYRNE, BAIN, GILFILIAN CECCHI, STEWART & OLSTEIN
                                                                                                                                                                                                   MS-DOS
                                                                                                                                                                                                                            INCH DISKETTE
                                                                                                                                                                                                                                                                                                                                                                                  Human CCN-Like Growth Factor
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50.0%;
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Pred. No. 2.1e+02;
3; Mismatches 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 327;
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;Patent No. 5212074 ; APPLICANT: KIEFER, MICHAEL C.;MASIARZ, FRANK R. ; TITLE OF INVENTION: GENETIC MATERIAL ENCODING NEW

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RESULT 13
5212074-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 5, Application US/09084079
Patent No. 6150136
GENERAL INFORMATION:
APPLICANT: Bronstein, Jeff M.
APPLICANT: Seitz, Robert S.
                                                                                                                                        Query Match
Best Local
                                                                                                                          Matches
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SEQUENCE CHARACTERISTICS
LENGTH: 375 AMINO ACII
                                                                                                                                                                                                                                                                            TELEFAX: (626)795-6321
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb stor
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: WordPerfect for Windows version 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/084,079
FILING DATE: 22-MAY-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                    ATTORNEY AGENT INFORMATION:
NAME: Farah, David A.
REGISTRATION NUMBER: 38,134
                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS
LENGTH: 218 amino acid
                                                                                                                                                                                                  MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITAL
STATE: C.
TO: 91101
DRAD
                                                              34 CGYTIPTC 41
                                                                                                                      Local Similarity
nes 4; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 222
CITY: Pasadena
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           32 CPANAPOC 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity nes 5; Conserv
                                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 38 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                            TELEPHONE:
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                                                                                           CGAVVPQC 8
                                                                                                                                                                                                             1: 218 amino acid residues amino acid 
GY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          225 S. Lake Avenue, 9th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                375 AMINO ACIDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Lallone, Roger L.

VENTION: Oligodendrocyte-specific Protein and Method for VENTION: Diagnosing and Treating Disease
                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sheldon & Mak
                                                                                                                                                                                                                                                                                                            (626) 796-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      66.7%;
                                                                                                                                     64.6%; Score 31; DB 4; 50.0%; Pred. No. 2.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               13:
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Pred. No. 2.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1.44 Mb storage
                                                                                                                                                   Length 218;
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                                                                                                                      Gaps
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Sequence 28, Application US/09253316
Patent No. 6355890
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Jaspers, Stephen R.
TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR HOMOLOGS
FILE REFERENCE: 97-75
CURRENT APPLICATION NUMBER: US/09/253,316
CURRENT APPLICATION NUMBER: US/09/253,316
CURRENT APPLICATION NUMBER: US/09/5,300

ARALIER APPLICATION NUMBER: US/0975,300

ARALIER APPLICATION NUMBER: US/0975,300

BARLIER APPLICATION NUMBER: US/0975,300

ARALIER APPLICATION NUMBER: US/0975,300

BARLIER APPLICATION NUMBER: US/0975,300

LENGTHARE: FastSEQ for Windows Version 3.0

SOPTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 28
LENGTH: 328
Type: PAT
ORGANISM: Homo sapiens
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5212074-4
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                                                                                                                                                                                                                                                                                          ; Patent No. 5212074

APPLICANT: KIEFER, MICHAEL C.; MASIARZ, FRANK R.

TITLE OF INVENTION: GENETIC MATERIAL ENCODING NEW

INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN IGFBP-6

NUMBER OF SEQUENCES: 7
                                                                                                                                                          SEQ ID NO:4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN IGFBP-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 50.0
Warches 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO:7:
                                  Query Match 64.6%;
Best Local Similarity 50.0%;
Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 50.0 Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                      APPLICATION NUMBER: US/07/576,629
FILING DATE: 31-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 574,613
FILING DATE: 28-AUG-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/07/576,629
FILING DATE: 31-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 574,613
FILING DATE: 28-AUG-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 7
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     101 CGVYTPRC 108
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 CGAVVPQC 8
                                                                                                                                      LENGTH: 328
1 CGAVVPQC 8
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50.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     64.6%;
50.0%;
                                    Score 31; DB 6;
Pred. No. 3.1e+02;
1; Mismatches 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 31; DB 4; Length 328; Pred. No. 3.1e+02; 1; Mismatches 3; Indels
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Pred. No. 2.3e+02;
1; Mismatches 3
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                                                                       Length 328;
                                    Indels
                                  0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0;
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                                  Gaps
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Db 101 CGVYTPRC 108

Search completed: April 16, 2003, 09:40:03 Job time : 14.913 secs